UNITED STATES DISTRICT COURT SOUTHERN DISTRICT OF NEW YORK

Manhattan Telecommunications Corp., d/b/a Metropolitan Telecommunications, a/k/a MetTel 44 Wall Street 6th Floor New York, NY 10005

Plaintiff,

 \mathbb{V}_{\bullet}

GLOBAL NAPS, INC.,

Defendant

08 -CIV-3829 (Judge Rakoff)

NOTICE OF MOTION

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Counsel for Defendant

PLEASE TAKE NOTICE that undersigned counsel for Defendant Global NAPs, Inc. shall move this Court, before the Honorable Jed S. Rakoff, at the Daniel Patrick Moynihan United States Courthouse, 500 Pearl Street, New York, NY 10007, at 5:00 p.m., September 10, 2008,

- (1) for summary judgment in favor of Defendant and against Plaintiff MetTel, and an order dismissing all counts of the Amended Complaint with prejudice;
- (2) alternatively, with respect to Count I of the Amended Complaint, for summary judgment and an order dismissing the count with prejudice to the extent it asserts claims accruing more than two years prior to April 23, 2006, and staying the remainder of its claims on the basis of the doctrine of primary jurisdiction.

The basis for this motion is set forth in the accompanying memorandum in support.

Respectfully submitted,

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08 - CIV - 3829 (Judge Rakoff)

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Defendant

MEMORANDUM IN SUPPORT OF DEFENDANT'S MOTION FOR SUMMARY JUDGMENT, OR DISMISSAL UNDER DOCTRINE OF PRIMARY JURISDICTION

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AUTHORITIES

Cases

Abraham & Straus v. Teller, 37 Misc.2d 797, 799-800, 236 N.Y.S.2d 435, 438 (N.Y.City Civ.Ct.1962)
Anderson v. Liberty Lobby, Inc., 477 U.S. 242, 247-252 (1986)
Alliance Communications Cooperative, Inc. v. Global Crossing Telecommunications, Inc., 2007 WL 1964271 (D.S.D. July 2, 2007)
Davis & Cox v. Summa, 751 F.2d 1507, 1516 (9th Cir. 1995)
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MCI WorldCom Network Servs., Inc. v. Paetec Commc'ns, Inc., No. Civ. A 04-1479, 2005 WL 2145499, at *5 (E.D.Va. Aug.31, 2005), aff'd, 204 Fed. Appx. 271 (4th Cir.2006)
Meadowbrook-Richman, Inc. v. Associated Fin. Corp., 325 F.Supp.2d 204 (S.D.N.Y. 2004)
National Comm. Assn., Inc. v. American Tel & Tel. Co., 46 F. 3d 220, 222 (2d Cir. 1995)
Paetec Comm., Inc. v. Cellco Partnership, No. 17-821(MLC), 2007 WL 2300775 (D. N.J. Aug. 7, 2007)
Parsons v. Batchelor, 233 A.D. 517, 518, 253 N.Y.S. 728, 728-730 (N.Y.A.D. 1 Dept.1931)

INTRODUCTION I.

This case arises out of two major developments in American telecommunications that have engendered much legal uncertainty. The first is that antitrust actions and related legislation fostered competition in telephony and created interconnection duties, but raised difficult problems concerning how to set intercarrier compensation. The second unsettling development has been the rapid growth of internet communications, which are capable of being cheaper and more flexible than the public switched telephone network (PSTN). When computer users speak directly to each other by means of internet transmission, there are no telephone charges to be paid. However, in regard to people using computers and internet transmission to speak to their friends on the PSTN, legal and policy debate has ensued concerning whether such traffic should be characterized and treated as normal telecommunications or as enhanced/information traffic that is not subject to the same switched access fees that regular long distance carriers pay to each other.

Plaintiff ("MetTel") has dial tone telephone customers. When other long distance companies send calls to it, it completes those calls and bills them under interstate and intrastate tariffs it has established. When it started to receive calls from the computer voice telephone companies whose traffic Defendant ("Global") forwards, it attempted to impose its regular interstate and intrastate tariff charges. MetTel persisted in its billing attempts even after Global explained that its traffic was "enhanced", i.e., changed in form and content both by it and by its customers and, as explained below, thus exempt under FCC rules from MetTel's tariffs. Global forwards "Voice over Internet Protocol" (VoIP) calls that many courts and agencies have held to be exempt from the high access charges imposed on regular long distance calls.

Page 8 of 28

Further, the FCC has decided that internet telephone service, because it is usually "nomadic" (a customer can take a converter wherever she goes), is interstate traffic and thus not subject to intrastate tariffs at all. That conclusion has been reinforced in a federal circuit court and in decisions of state commissions.

Further, as we informed MetTel in urging it to withdraw its complaint, the New York Public Service Commission ("PSC"), in a case virtually identical to this (*i.e.*, a small telephone company attempting to impose switched access tariff charges on Global's traffic) completely rejected the attempt, other than using its regulatory authority to encourage negotiation of some interim rate.

When federal or even state courts have been faced with cases like MetTel's, they have consistently refused to adjudicate them until the FCC clarifies the status of VoIP or until state public utility commissions forge some other solution.

MetTel attempts to escape these federal preemption and state regulation hurdles by adding supposedly common law counts entitled "unjust enrichment" and "account stated." But it is well settled that, due to the "filed rate doctrine," an unjust enrichment case cannot be entertained in court to compensate a common carrier whose tariff does not apply. Governing law is equally clear that where, as here, the underlying claim is flawed, or the recipient of bills responds unequivocally that it has legal or other grounds for not paying them, an account stated cause of action will not lie.

Count V of the complaint, added by amendment, only masquerades as a triable claim against Global. Having been informed that Global is also immune from VoIP charges because it is a mere intermediary, MetTel threatens to use discovery in this case as a stepping stone to a suit

against Global's VoIP customer/suppliers. Such intention is obviously not a sustainable cause of action against Global nor a proper use of a complaint and accompanying discovery.

In accordance with Local Civ. R. 56.1, a concise statement of undisputed material facts is attached with this memorandum to our notice of motion, as are the supporting declarations of James R. J. Scheltema, Global's Vice President for Regulatory Affairs and Brad Massuret, Global's Vice President for Sales and Marketing, attached hereto as Exhibits 1 and 2 respectively. Both exhibits are submitted under seal in accordance with the Court's Protective Order entered in this case July 30, 2008 with confidential customer list.

There being no facts that will save MetTel's claims, Defendant Global NAPs, Inc. ("Global") is entitled to dismissal for the reasons stated below. Alternatively, Count I should be limited to two years, and that portion of it stayed or dismissed on primary jurisdiction grounds, while Counts II, III, IV and V are dismissed with prejudice.

II. FACTUAL BACKGROUND

We accept as a given MetTel's description of its own business as stated in the Amended Complaint, and we add four significant facts. First, MetTel has never had a contract with Global (Scheltema Decl. ¶5); it relies entirely upon its tariffs as grounds for its claims. Second, Global sends no traffic directly to MetTel (Scheltema Decl. ¶10), but only to Verizon, an "incumbent local exchange carrier" or "ILEC," which forwards it to MetTel. Third, MetTel's tariffs never mention VoIP by name, nor have any provisions for traffic that touches the internet. Fourth, it seems that MetTel has never knowingly asserted such tariff claims against any other VoIP provider, much less been successful in doing so. *See*, Met Tel's Answers to Interrogatories 4 and 5, received July 29, 2008, attached as Exhibit 3.

Taking MetTel at its word (see Complaint ¶14), it owns or controls local telephone lines over which it provides telecommunication services to paying subscribers. To obtain switching capacity to some of its local customers, MetTel leases capacity on switches owned or controlled by an ILEC. Under the Telecommunications Act of 1996, 47 U.S.C. 201 *et seq.* (the "Act"), ILECs are generally required to permit MetTel and other "competitive local exchange carriers," or "CLECs," to interconnect with them, subject to terms and conditions set forth in interconnection agreements, known as "ICAs," negotiated under section 252 of the Act and approved by the PSC. Global is not involved in MetTel's arrangements, whatever they may be, with any ILEC.

As set forth in our Rule 56.1 Statement and in the accompanying declarations, Global plays only one role and provides only one type of traffic that travels over MetTel's lines to MetTel customers. Global's role is that of an intermediate carrier. Scheltema Decl. ¶9. It originates none of the traffic it forwards to MetTel. Global transports the traffic that eventually reaches MetTel on behalf of its ESP customers. It currently receives the traffic from only four companies, although another company forwarded traffic during at least a portion of the time period covered by the Amended Complaint. (See CONFIDENTIAL sections of the Masuret and Scheltema Declarations). Global's contracts with four of those five companies have been produced to MetTel, and are attached herewith as CONFIDENTIAL Exhibits 4, 5, 6 and 7. Each warrants that the traffic being sent to Global is IP and enhanced traffic. Global's three major suppliers have provided Global with letters describing their businesses and interconnection activities with Global. Those letters, plus the additional one were substantially the same as letters submitted to the New York PSC, which formed a key part of the bases for the PSC Staff

determination that the traffic at issue was exempt from the application of access charges. They are included with Exhibits 4, 5, and 6.

Global's customers are not VoIP providers in themselves, in that they do not react with the general public, but rather are aggregators of VoIP calls. A VoIP provider, such as Vonage or Packet8, routes its subscriber's calls to a VoIP aggregator, such as Global's customers who, in turn, enhance the signals and route the calls through Global's facilities.

Such traffic is routed to Global, and transformed by Global to an internet protocol called Asynchronous Transfer Mode ("ATM"), unless already in ATM. Due to the operations of Global and its traffic suppliers, such traffic, it is "enhanced" as defined in FCC Regulations at 47 CFR §67.702(a). All traffic is transported over Global's network in ATM. At the Global switch proximate to its exchange with the incumbent carriers, the ATM formatted communication is then reassembled and converted to Time Division Multiplexing ("TDM") for ILECs such as Verizon, which subsequently delivers it to dial-tone users or to MetTel. Thus, the traffic Global sends to MetTel has been "enhanced" at least twice before it reaches Verizon or MetTel, once by Global's customers and once when relayed by Global. Global, like its customers, is therefore an "enhanced service provider" ("ESP").

In New York, the communications in dispute in this case are usually sent by Global to Verizon's network, whereupon Verizon delivers them to its dial tone customers or forwards some of them to MetTel for termination to MetTel's end-users. Due to the hardware provided by Vonage or other VoIP providers who recruit the end-user customers, those communications are largely, if not exclusively, "nomadic" VoIP, since calls may, for example, be placed via a laptop computer from anywhere there is Internet access, *e.g.*, a Starbucks store. In regard to nomadic VoIP traffic, the number assigned to the calling party may have no geographical relevance to his

physical location. It is equally likely for the calling party to have a number with a 212 area code whether he is placing the call from San Francisco or Miami – and in neither instance is the calling party's number geographically connected to Manhattan. This makes traditional measures of associating the called and calling party's number to determine distance impossible. Indeed, as

federal court decisions to declare such traffic to be jurisdictionally interstate and to retain

explained in detail below, this "impossibility exception" was one driving force in the FCC and

exclusive jurisdiction over all IP-enabled calls.

III. APPLICABLE STANDARDS UNDER RULE 56.

Rule 56 of the Federal Rules of Civil Procedure states that a party is entitled to summary judgment where

the pleadings, depositions, answers to interrogatories, and admissions on file, together with the affidavits, if any, show that there is no genuine issue of material fact....

A "genuine issue" exists where the evidence before the court is of such a nature that a rational fact-finder could not find in favor of the non-moving party after drawing all reasonable inferences in its favor. *Anderson v. Liberty Lobby, Inc.*, 477 U.S. 242, 247-252 (1986). Any genuine issue must also pertain to some "material fact." This materiality distinction creates a demarcation between irrelevant or unnecessary facts and those facts that might affect the outcome of the case. *Id. See also Hoffman-Dombrowski v. Arlington Int'l Racecourse, Inc.*, 254 F.3d 644, 650 (7th Cir. 2001).

IV. THE STANDARDS FOR SUMMARY JUDGMENT ARE MET

An essential element of MetTel's first claims is that its state or federal tariffs apply to Global, an intermediate transmitter of VoIP traffic. Because this assertion is contradicted by all state and federal cases on VoIP regulation, this element cannot be established. The operative

6

facts, as set forth in the accompanying statement under Rule 56 can not be seriously disputed. Neither party disputes the transmission or receipt of traffic by the parties during the relevant time. Likewise, the validity of Plaintiff's tariffs is not disputed. The only dispute has to do with whether Plaintiff's tariffs can legally apply to Defendant and its VoIP traffic. The law is that enhanced VoIP service is either an information service or is so different from standard long distance that a new pricing regime will have to be forged by the FCC for it.

Counts I and II Should Be Dismissed Because Such Claims Are Precluded By A. Applicable Federal Law.

The traffic Global transfers to MetTel for termination is subject to neither interstate or intrastate tariffs, for different reasons. We discuss the controlling precedents below. Numerous state agencies, and at least one federal court, have so ruled. We are aware of no controlling case law or other authority to the contrary.

Count I: Breach of Federal Tariff.

In Count I of its Amended Complaint, MetTel alleges that the "interstate access charges set forth in "F.C.C. Tariff No. 3" are applicable to traffic relayed from Global to MetTel's New York customers, and that Global has used switched access subject to that tariff since on or about February, 2001. Count I is untenable for several reasons.

First, Global is an intermediate CLEC, not an interexchange carrier or end-user service provider. Such intermediaries may not be billed switched access fees unless an applicable tariff so provides. Order of Apr. 21, 2004, In the Matter of Petition for Declaratory Ruling that AT&T's Phone-to-Phone IP Telephony Services Are Exempt from Access Charges, FCC WC Docket No. 02-361, note 92 at 15, citing 47 CFR §69.5(b).

Second, even if Global were not an intermediate carrier, it would not be subject to MetTel's access charges, because the traffic it forwards is "enhanced" and is "VoIP", which is

7

presently immune from switched access tariff charges, due to the federal regulatory situation. recognized by state commissions in New York and elsewhere as having preemptive effect. At present, it cannot be said that VoIP traffic is "telecommunications," and handling it is thus not "telecommunications service" at all within the meaning of 47 U.S.C. §153(43)¹ and (46). respectively. Accordingly, access charges cannot apply under FCC rules, including 47 CFR §69.5(b), which limits the applicability of access charges to "telecommunications services."

The PSC has recently ruled that VoIP traffic cannot be subjected to tariff charges, pending the conclusion of FCC proceedings to determine whether the "ESP Exemption" applies. whether such traffic constitutes "information services" rather than "telecommunications services," and whether rates or any type of charges ultimately approved may be applied, and, if so, retroactively or only prospectively. PSC Case No. 07-C-0059, Complaint of TVC Albany, Inc. d/b/a Tech Valley Communications Against Global NAPs, Inc. for Failure to Pay Intrastate Access Charges, Order dated Mar. 20, 2008 (hereinafter "TVC," copy attached as Exhibit 8). The FCC has not yet determined whether interstate switched access tariff charges should apply to VoIP traffic, and instead has indicated that interconnecting carriers will have to negotiate rates for terminating such traffic.² (Of course, Global does not interconnect with Met Tel.) It should be noted that the TVC factual finding and legal conclusions were bottomed on letters from two of our four customers. This motion is supported by letters from three of our customers. See

[&]quot;The term 'telecommunications' means the transmission, between or among points specified by the user, of information of the user's choosing, without change in the form or content of the information as sent or received." (Emphasis added.) Thus, changes in form or content of the traffic involved place it outside the definition of "telecommunications service," giving rise to what is generally referred to as the "exemption" for "enhanced services," or the "ESP Exemption."

In the Matter of Time Warner Cable Request for Declaratory Ruling that Competitive Local Exchange Carriers May Obtain Interconnection Under Section 251 of the Communications Act of 1934, as Amended, to Provide Wholesale Telecommunications Services to VoIP Providers, WC Docket No. 06-55, DA 07-709, Memorandum Opinion and Order, ¶17 (March 1, 2007).

Exhibits 4, 5 and 6. Also, we attach as Exhibit 9 the transcript of testimony of the independent expert who described Transcom's enhancement methods and their effects.

A similar statement of the law is found in a 2006 decision of the Wisconsin Public Service Commission ("WPSC"). Petition of McImetro Access Transmissoin Services, LLC and McI WorldCom Communications, Inc. for Arbitration of Interconnection Terms and Conditions and Related Arrangements with Wisconsin Bell, Inc., d/b/a Wisconsin Pursuant to 47 U.S.C. §252(b), PSC Ref. No. 54417, Arbitration Award of May 15, 2006. That case is of special interest because the winning party was Verizon Business Services (formerly McI), and MetTel generally receives Global's traffic through Verizon. The question before the WPSC was whether AT&T's local affiliate could impose switched access charges on the VoIP service that Verizon/McI was transmitting, a question answered in the negative. The WPSC panel found that "IP-PSTN traffic is a type of information service," Id. at 25, and therefore went on to conclude "that the ESP exemption applies to the IP-PSTN traffic at issue in this arbitration. McI is not responsible for paying access charges for IP-PSTN traffic it delivers to AT&T." Id. at 32.

Another clear statement of current regulatory law and policy regarding VoIP comes from a ruling of a California Public Utilities Commission ("CPUC") ALJ in a case between SBC and Level 3 Communications, one of Global's competitors (copy attached as Exhibit 10):

Contrary to SBC's position, IP-enabled services traffic is not currently subject to access charges. As the Commission notes in its order instituting its investigation into the regulatory framework to apply to Voice over Internet Protocol (VoIP), VoIP providers do not contribute to the payment of access charges under the current regulatory access charge scheme. [citing *Order Instituting Investigation re Voice over Internet Protocol*, 1.04-02-07, p. 7]. This observation echoes the FCC's acknowledgement that currently IP telephony "is exempt from the access charges that traditional long-distance carriers must pay" ... It may be that the

9

FCC will ultimately determine that IP-enabled services traffic will be subject to access charges due to its similarity to interexchange traffic. However, it is inappropriate for this Commission to make that determination here in the face of both commissions' statements that access charges do not currently apply, the FCC's very recent assertion of exclusive economic jurisdiction over certain IPenabled services, the FCC's steadfast and emphatic refusal to prejudice the applicability of access charges to IP-enabled services traffic, and the FCC's pending determination on the issue in the IP-Enabled Services NPRM.

That ruling also accepted Level 3's request that the PUC should cause the parties to add a sentence in their ICA specifying that "intraLATA toll traffic does not include IP-enabled services traffic." Id. at 7-8.

Finally, in a highly relevant federal case (one in a succession of four related rulings), In re Transcom, No. 05-31929-HDH-11 (Bkrptcy. N. D. Tex., Apr 28, 2005) (attached hereto as Exhibit 11), a bankruptcy court analyzed in detail the applicability of interstate access charges to Transcom's VoIP traffic, and found them inapplicable as a matter of fact and law. In that case, SBC sued under an ICA for terminating traffic from Transcom - a Global customer, and, like Global, a VoIP transmitter. Transcom defended on the ground that, since it was solely a VoIP provider, it was not subject to access charges until the FCC clarified the law as to whether VoIP is an "information service" or a "telecommunication service." After an evidentiary hearing and expert testimony, the judge concluded that Transcom was clearly a VoIP provider, and agreed with Transcom that VoIP is an information service that is not now, and should not be, subject to access charges:

Based on the evidence and testimony presented at the hearing, the Court finds, for purposes of the §365 motion before it, that the Debtor's [Transcom's] system fits squarely within the definitions of "enhanced service" and "information service," as defined above. Moreover, the Court finds that [Transcom's] system falls outside of the definition of "telecommunications service" because [Transcom's] system routinely makes non-trivial changes to user-supplied information (content) during the entirety of every communication. Such changes fall outside the scope of the operations of traditional telecommunications networks, and are not necessary for the ordinary management, control or operation of a telecommunications system or the management of a telecommunications service. As such, [Transcom's] service is not a "telecommunications service" subject to access charges....

Id. at 11. The direct relevance of the Transcom court's findings of fact to Global's traffic at issue in this case is that Global is forwarding Transcom's traffic. This is amplified in the Transcom letter and the declarations.

Finally, a two-year statute of limitations applies to federal tariff claims by virtue of 47 U.S.C. §415. Irrespective of this Court's ruling on dismissal of Count I in its entirety, summary judgment is at least required as to all claims accruing before April 23, 2006.

Count II: Breach of Intrastate Tariff

Count II, based on treating Global's traffic as intrastate, is equally untenable. The PSC and other state agencies and courts have definitively ruled that nomadic VoIP traffic such as that originating with Global's suppliers must be treated as interstate traffic because it is primarily if not exclusively interstate. State tariffs are inapplicable to interstate traffic. TVC is fatal to Plaintiff's state tariff count, since the PSC accepted Global's proof there, buttressed by its staff's conclusions, that Global is, in fact, an intermediate carrier of nomadic VoIP, and is thus providing an interstate service not subject to intrastate tariffs. In rejecting TVC's intrastate charges, the PSC stated:

Because nomadic VoIP is interstate in nature, and because its rates are exclusively under the FCC's jurisdiction, we are similarly precluded from imposing the TVC intrastate access tariff. Under the FCC's decisions, nomadic VoIP is treated as interstate subject to exclusive federal rate jurisdiction. Applying the TVC intrastate access tariff to an interstate service would be inappropriate and conflict with valid federal laws and policies.

TVC at 15 (emphasis added); see, Minnesota Public Utilities Comm. v. FCC, 483 F.3d 570 (8th Cir. 2007) (upholding FCC's "Minnesota/Vonage Order," 19 F.C.C. 22404 (2004), preempting state regulation of "nomadic" VoIP services).3

While limiting its holding to that of the Eighth Circuit Vonage opinion on which it relied, the PSC also pointed out that the FCC's determination arguably applies to "...VoIP-to-VoIP, VoIP-to-

Dismissal of Count I Is Also Appropriate on Primary Jurisdiction Grounds. В.

Just as it is clear that MetTel's tariffs cannot apply to the VoIP traffic it receives from Global, it is equally clear that seeking to parse such issue further would plunge the court into a cutting edge issue of national telecommunications policy with which the FCC is currently occupied. For that reason, this court is, at a minimum, obliged to defer to the competent federal agency on grounds of primary jurisdiction, and dismiss or stay Count I of the complaint on those grounds.

Numerous courts have granted motions to dismiss, or similar relief, under circumstances like those of this case. As stated by the Second Circuit, four factors govern applicability of the doctrine of primary jurisdiction: (1) whether the question at issue is within the conventional experience of judges or whether it involves technical or policy considerations within the agency's particular field of expertise; (2) whether the question at issue is particularly within the agency's discretion; (3) whether there exists a substantial danger of inconsistent rulings; and (4) whether a prior application to the agency has been made. National Comm. Assn., Inc. v. American Tel & Tel. Co., 46 F. 3d 220, 222 (2d Cir. 1995). Applying this test, numerous courts in this circuit and elsewhere have dismissed or stayed claims for access charges on account of VoIP or IP-enhanced traffic.

In The Southern New England Telephone Co. v. Global NAPs, Inc., Civ. Action. No. 3:04-CV-2075 (JCH) 2005 WL 2789323 (D. Conn. Oct. 26, 2005), the court considered Global's motion to dismiss an ILEC's tariff claims on primary jurisdiction grounds. The ILEC opposed the motion on the basis that its complaint was not based solely, or even principally, on VoIP.

landline and landline-to-VoIP calls (interconnected VoIP calls) because the VoIP part of the call is not confined to the geographic location associated with the customer's billing address or assigned telephone number." Id. at 11.

Ruling on Global's motion under Rule 12(b)(6), the court denied it as to traffic that was neither VoIP nor IP-enhanced calls; as to such calls, however, the court stayed the plaintiff's claims "...to the extent they assert[ed] causes of action regarding traffic that involves IP at some point in its transmission." *Id.* at *6.⁴ To similar effect are cases on which the Connecticut District Court relied primarily, *Frontier Tel. of Rochester, Inc. v. USA Datanet Corp.*, 386 F.Supp.2d 144, 2005 WL 2240356 (W.D.N.Y. 2005)(staying ILEC's claim against VoIP provider for access charges), and *Southwestern Bell, L.P. v. Vartec Telecom, Inc.*, No. 4:04-CV-1303, 2005 WL 2033416 (E.D.Mo. August 23, 2005) (staying claims for transmission of interexchange IP-enabled traffic). *See also, Sprint Spectrum v. AT&T*, 168 F.Supp.2d 1095 (W.D. Mo.2001); *Paetec Comm., Inc. v. Cellco Partnership*, No. 17-821(MLC), 2007 WL 2300775 (D. N.J. Aug. 7, 2007)(Deferring to the primary jurisdiction of the FCC and state commissions).

While the FCC has not yet specified the compensation rates for terminating VoIP traffic, it has clearly and repeatedly stated both its intention to do so and that piecemeal resolution of this issue at the state level has been preempted. Memorandum Opinion and Order, *Vonage Holdings Corp. Petition for Declaratory Ruling Concerning an Order of the Minnesota Public Utilities Commission*, WC Docket No. 03-211, 19 F.C.C.R. 22404, 2004 WL 2601194 (2004) ("FCC Vonage Order"), *affirmed Minnesota P.U.C. v. FCC*, 483 F.3d 570 (8th Cir. 2007). Furthermore, the FCC is currently considering the appropriate access charge treatment for IP-enabled services and VoIP. While it has not yet determined what the current law requires with respect to such charges, it has stated repeatedly that it is prepared to intercede, and it has taken steps toward resolving such issues. *See, In re IP-Enabled Services*, 19 F.C.C.R. 4869, 2004 WL

In *SNET*, the court did not discuss its procedural choice of staying the plaintiff's claims until after FCC action regarding VoIP, as opposed to dismissing them without prejudice. It would make little practical difference in the case at bar.

439260 (2004) (Notice of Proposed Rulemaking). On March 1, 2007, the FCC stated: "We do not, however, prejudge the Commission's determination of what compensation is appropriate, or any other issues pending in the Intercarrier Compensation docket." In re Time Warner Cable, 22 F.C.C.R. 3513 (2007), 2007 WL 623570 (F.C.C.), at ¶17.

Further difficulties with district court adjudication of VoIP issues become apparent when the full import of the FCC Vonage Order is considered. The FCC did not rely on its "impossibility doctrine" (i.e., the impossibility of distinguishing interstate from intrastate VoIP traffic requires that it all be treated as interstate) as the sole basis for federal preemption, but also stressed additional grounds, such as Congress's expressed preference for developing a national VoIP framework (citing section 230 of the TCA⁵) and section 706⁶ ("...precluding multiple disparate attempts to impose economic regulations" on VoIP services that would thwart its development by allowing each state commission to take a different approach. The FCC also noted that it could also have relied on Section 253,7 which provided preemptive authority over state regulations that "prohibit or have the effect of prohibiting the ability of an entity to provide any interstate or intrastate telecommunications service." Id. at paras 34, 36-37, and n.69.8

Count III: Unjust Enrichment €.

MetTel's claim for "unjust enrichment" is of course a state law claim, jurisdiction over which, under 28 U.S.C. §1367, must be premised on a valid federal cause of action. Here, there

⁴⁷ U.S.C. § 230(b)(2).

⁴⁷ U.S.C. §157 note (containing Section 706 of the Act).

⁴⁷ U.S.C. § 253.

In Verizon New York, Inc. v. Globa NAPs, Inc.l, 463 F.Supp.2d 330 (SDNY 2006), Verizon sued to recover facility charges arising from its ICA with Global. Rejecting a primary jurisdiction motion regarding those charges, Judge Vitaliano considered the VoIP issues under an ICA.

is not even a colorable federal claim, and the "pendent" claim of Count III must therefore fall as well. Further, Plaintiff ignores consistent rejection of the theory set out in this count.

In a case on all fours with the this one, *Alliance Communications Cooperative, Inc. v.*Global Crossing Telecommunications, Inc., 2007 WL 1964271 (D.S.D. July 2, 2007), the court dismissed an unjust enrichment count for VoIP traffic that passed over lines of a traffic carrier, holding that, under the "filed rate doctrine" a carrier's approved federal tariff is considered to be the law, and therefore the conclusive and exclusive enumeration of all rights and liabilities as between carriers and their customers. *Id.*, citing Evans v. AT&T Corp., 229 F.3d 837, 840 (9th Cir. 2000). The court states that:

Here, plaintiffs allege that Global Crossing was unjustly enriched when it received originating and terminating access services without paying for them. If plaintiffs are successful on their unjust enrichment claim, the court would order Global Crossing to pay plaintiffs the value of the benefit that Global Crossing received. See Hofeldt v. Mehling, 658 N.W.2d 783, 788 (S.D.2003). The amount corresponding to value of the benefit received will likely be different than the amount Global Crossing would have to pay for the service pursuant to plaintiffs' tariffs. The court thus concludes that plaintiffs' unjust enrichment claim is barred by the filed rate doctrine. This conclusion is supported by several other courts that have held that the filed rate doctrine bars claims for unjust enrichment. See, e.g., Marcus v. AT & T Corp., 138 F.3d 46, 60-62 (2d Cir.1998); MCI WorldCom Network Servs., Inc. v. Paetec Commc'ns, Inc., No. Civ. A 04-1479, 2005 WL 2145499, at *5 (E.D.Va. Aug.31, 2005), aff'd, 204 Fed. Appx. 271 (4th Cir.2006); Union Tel. Co. v. Qwest Corp., No. 02-CV-209-D, 2004 WL 4960780, at *15 (D.Wyo. May 11, 2004); Freedom Ring Commc'ns, LLC v. AT & T Corp., 229 F.Supp.2d 67, 69-70 (D.N.H.2002).

See Id. At 7.

D. Count IV: Account Stated

It is hornbook law that an action for account stated is negated by a finding that there is no underlying contract claim. *Davis & Cox v. Summa*, 751 F.2d 1507, 1516 (9th Cir. 1995)(because accounts stated are "intended to preserve and protect legitimate demands but not to create obligations independent of prior indebtedness, the rendering of an account does not create a

liability where no liability existed before the rendering")(internal citations omitted). In New York as elsewhere, a cause of action for account stated cannot create a legal obligation where none existed before. Reconstruction Finance Corp. v. Commercial Union of America Corp., 123 F.Supp. 748. 756 (D.C.N.Y. 1954); Parsons v. Batchelor, 233 A.D. 517, 518, 253 N.Y.S. 728, 728-730 (N.Y.A.D. 1 Dept.1931):

The account stated can only determine the amount of the debt where a liability exists, and will not be permitted to be made the instrument to create a liability where none existed before. Merely changing the form of the action to evade the bar of the statute creates no new liability.

See also, Abraham & Straus v. Teller, 37 Misc.2d 797, 799-800, 236 N.Y.S.2d 435, 438 (N.Y.City Civ.Ct.1962); Wilson v. Gotham Instrument Co., 198 Misc. 1009, 1010, 101 N.Y.S.2d 699, 700-01 (N.Y. Sup.1950). Thus, when this Court concludes, as it must, that MetTel's federal tariff, state tariff and unjust enrichment claims are unsound, it will necessarily have to conclude that sending bills for such unsustainable claims cannot give them new life.

Second, disagreement between the parties as the "accounts" are "stated" negates any meeting of the minds or implied consent, and so destroys an account stated claim. Meadowbrook-Richman, Inc. v. Associated Fin. Corp., 325 F.Supp.2d 204 (S.D.N.Y. 2004). Attached hereto as Exhibit 12 are nine protesting emails sent to MetTel from July 2004 to December 2006 by Robert J. Fox, at the time Global's Vice president for Carrier Relations. These emails each plainly and unambiguously identified Global's traffic as "information access traffic", reiterated Global's clear and timely objections to the charges set forth in MetTel's invoices, and gave MetTel notice that Global did and would contest any and all such invoices in the future based on the principles discussed in this motion. Indeed, each letter stated, in boldface, that:

Unless and until Global provides written correspondence to the contrary, please consider this letter as disputing all similar invoices from your company to Global.

Thus, Count IV is woefully deficient for the simple and undeniable reason that Global objected clearly and repeatedly, stating legally sufficient reasons, including the *ISP Remand Order*, 9 to the "accounts" MetTel tendered.

Misleadingly, MetTel alleges:

Defendant acknowledged receipt of the invoices. Defendant acknowledged that it sent and received traffic to MetTel customers and never disputed any of the traffic flowing between the carriers. MetTel received no objection or protest to its statements of account regarding the fact that traffic was passed.

See Complaint ¶43.¹⁰ It is impossible to understand how MetTel can make this allegation in light of Global's documented and repeated protests. Similarly, it is difficult to understand how MetTel can blandly allege that Global "acknowledged" the invoices it received, in blithe disregard of the protesting *substance* of those "acknowledgments."

E. Count V: Unspecified

Finally, Count V, the sole new material added on July 17, 2008, by MetTel's Amended Complaint, has no place in this case. Count V alleges merely that, should Global prevail on its defense (grounded in FCC rules) that it is an "intermediate carrier" not subject to access charges, then MetTel intends to sue unnamed other parties. In the first place, Global's defenses herein are scarcely limited to its status as an intermediate carrier. Second, to the extent this Court's

In the Matter of Intercarrier Compensation for ISP-Bound Traffic, CC Docket No 99-68, F.C.C. 01-131(Apr. 27, 2001)

In light of the uncertainty surrounding the modifiand of the last clause in the quoted ¶43, MetTel might offer the sophistic justification that it has merely alleged that Global never denied that traffic it forwarded reached MetTel subscribers. But that would not alter the fact that the technical bit of truth in its misleading assertion provides no basis whatever for an account stated cause of action. MetTel's circumlocution is an irresponsible attempt to disguise a knowingly flawed cause of action.

disposition of Global's motion depends on the nature of VoIP and its uncertain status under a hesitant but preemptive FCC régime, similar considerations will apply equally to the other intermediate VoIP carriers who constitute 100 percent of Global's customers in this jurisdiction. Third, Count V states no cause of action against Global; it is of no concern to Global or the Court what MetTel may or may not do next, after the Amended Complaint is dismissed. At most, Count V suggests an intended misuse of discovery, i.e., to use it to sue others, or an unsavory threat to sue Global's customers if Global does not settle the case to Met Tel's liking.

CONCLUSION

For these reasons we respectfully request that the Court grant Global's Motion for Summary Judgment under Rule 56, Fed. R. Civ. P., as to all counts of the Amended Complaint; or, alternatively, that Count I be stayed under the doctrine of primary jurisdiction pending definitive action by the FCC as to the nature of VoIP and the regulatory régime, state or federal, applicable to it.

Respectfully submitted,

Jøel Davidow (JD-4500)

Kile Goekjian Reed & McManus, PLLC

Page 24 of 28

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Suite 570

Washington, DC 20036

(202) 263-0806

UNITED STATES DISTRICT COURT SOUTHERN DISTRICT OF NEW YORK

Manhattan Telecommunications Corp., d/b/a Metropolitan Telecommunications, a/k/a MetTel 44 Wall Street 6th Floor New York, NY 10005

Plaintiff,

 \mathbf{v} .

GLOBAL NAPS, INC.,

Defendant

08 - CIV-3829 (Judge Rakoff)

DEFENDANT'S STATEMENT OF MATERIAL FACTS AS TO WHICH NO GENUINE ISSUE REMAINS FOR TRIAL

Joel Davidow (JD-4500) KILE GOEKJIAN REED & MCMANUS, PLLC 1200 New Hampshire Avenue NW Suite 570 Washington, DC 20036 (202) 263-0806

William J. Rooney, Jr. (WR-8317) Jeffrey C. Melick (JM-1686) 89 Access Road, Suite B Norwood, MA 02062 (781) 551-9956

Counsel for Defendant

Filed 09/03/2008

Pursuant to Rule 56, Fed. R. Civ. P., and Local Civ. R. 56.1, Defendant Global NAPs, Inc. ("Global") sets forth the following statement of material facts as to which no genuine issue remains:

As to Counts I and II of the Amended Complaint:

- Defendant Global is a Competitive Local Exchange Carrier ("CLEC") within the 1. meaning of the Communications Act of 1934, as amended by the Telecommunications Act of 1996 (the "Act"), and is certificated as a telecommunications carrier in New York State. Declaration of James Scheltema, attached hereto as Exhibit 1 (hereinafter "Scheltema Decl."), ¶6.
- Global does not provide dial-tone service to any end-user customers. Scheltema Decl. ¶7. 2.
- Global does not provide interexchange or toll services to end-user long distance 3. customers. Scheltema Decl. 9.
- Global provides transmission capabilities to service providers wishing to send traffic to 4. local exchange carriers ("LECs") and is therefore an "intermediate carrier" within the meaning of the 1996 Telecommunications Act. Scheltema Decl. ¶9.
- Global presently has only four customers: [BEGIN CONFIDENTIAL MATERIAL 5. Transcom, CommPartners, PointOne, and IDT. Global also had a fifth customer, Nterra, during the relevant period. END CONFIDENTIAL MATERIAL] Scheltema Decl. ¶13; Masuret Decl. ¶6.
- Each customer sends Global traffic that is Voice over Internet Protocol ("VoIP") traffic 6. and is "enhanced" in ways that beneficially alter its form and content. Scheltema Decl. ¶10. Exhibits 4, 5, 6, and 7.

- 7. Global's customers all certify that they are enhanced service providers in their contracts with Global. Masuret Decl. ¶4, 12.
- 8. The traffic Global receives from all of its customers is converted by Global to a form of "Internet Protocol" called "Asynchronous Transfer Mode" ("ATM"), is thus in a format to be efficiently transmitted over Global's network, and is then converted to "Time Division Multiplexing" ("TDM"), at the ILEC's or CLEC's demand, when it reaches the local loop. Scheltema Decl. ¶10.
- 9. Global does not assess any "toll" (per call, per minute) charges to its customers, and thus is not a long-distance telephone company or an interexchange carrier ("IXC"). Scheltema Decl. ¶8; Masuret Decl. ¶9.
- 10. The traffic Global receives from its customers is usually transmitted in New York State by Global to Verizon's network for further delivery to Verizon's end-user customers or to other intermediate carriers such as Plaintiff MetTel for delivery to their end-user customers. Scheltema Decl. ¶10.
- 11. Global has no contractual relationship with MetTel, has never directly connected with MetTel and has never requested any services from MetTel. Scheltema Decl. ¶5.
- 12. In a recent proceeding before the New York Public Service Commission ("PSC"), PSC Case No. 07-C-0059, Complaint of TVC Albany, Inc. d/b/a Tech Valley Communications Against Global NAPs, Inc. for Failure to Pay Intrastate Access Charges, Order dated Mar. 20, 2008 (hereinafter "TVC"), it was determined that virtually all the traffic Global delivers for transfer or termination in New York State is VoIP, primarily "nomadic" VoIP. Scheltema Decl. ¶12; Exhibit 8.
- 13. In four proceedings involving Global's main customer/supplier Transcom, Transcom provided expert testimony to explain how it enhanced all its traffic to improve sound, all efficient

low-cost transmissions and enable other features, and such testimony was accepted as being factually accurate. Scheltema Decl. ¶16; Exhibits 4 and 9.

As to Count III:

14. The PSC has asserted broad authority to require parties to enter into private contract negotiations on the rates, charges, terms and conditions for the exchange of nomadic VoIP in New York State. Exhibit 8.

As to Count IV:

15. Global has objected in writing to invoices it has received from Met Tel, and has indicated that its objections are as to all such invoices. Scheltema Decl. ¶5; Exhibit 12.

As to Count V:

16. Global's customers for New York State and other states are all "enhanced service providers" and are required to so certify in their respective contracts with Global. Masuret Decl.

¶4.

Respectfully submitted,

Joel Davidow (JD-4500)

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1200 New Hampshire Avenue NW

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EXHIBIT 1

UNITED STATES DISTRICT COURT SOUTHERN DISTRICT OF NEW YORK

Manhattan Telecommunications Corp., d/b/a Metropolitan Telecommunications, a/k/a MetTel 44 Wall Street 6th Floor New York, NY 10005

08 –CIV-3829 (Judge Rakoff)

Plaintiff,

-VS-

GLOBAL NAPS, INC.,

Defendant

DECLARATION OF JAMES R. J. SCHELTEMA

- I, JAMES R. J. SCHELTEMA, depose and say that the following is true to the best of my knowledge and belief:
- 1. I am Vice President of Regulatory Affairs for Global NAPS, Inc. ("Global"), and have been in charge of regulatory affairs there for approximately the past five years. My address is 1311 East La Rua Street, Pensacola, Florida 32501. I am a licensed member of the District of Columbia, Florida and Maryland Bars and a licensed certified public accountant in the states of Florida and Maryland. I have personal knowledge of the facts stated in this affidavit.
- 2. I have worked for more than a decade in the field of telecommunications regulation on behalf of MCI Telecommunications, the Maryland Public Service Commission, AT&T Communications, Rhythms Net Connections, Global NAPS, Inc, and other entities. During such time, I have also been an instructor in Accounting for the Baltimore County Community College.

- I have a working knowledge of the Communications Act of 1934, as amended by the 3. Telecommunications Act of 1996, 47 U.S.C. §§201 et seq. (the "Act").
- I am familiar with the Complaint in this case filed by Metropolitan Telecommunications 4. ("MetTel"), and with the underlying facts, including those surrounding the traffic that Global delivers for termination to MetTel's customers.
- Global has no contract with Met Tel, no interconnection agreement with Met Tel, and, to 5. the extent any invoices have not been previously disputed, it is Global's position that they are disputed herewith.
- Global is a Competitive Local Exchange Carrier ("CLEC") within the meaning of the Act 6. and is a certificated telecommunications carrier in the State of New York.
- Global does not provide dial tone services to any end-user customers. 7.
- Global does not charge per call or per minute, and is thus not a long distance carrier. 8. Global also does not receive traffic from any customer using a 1+ method, and has no interconnection arrangements with long distance carriers. Thus, it is not an interexchange carrier ("IXC").
- Global does not provide dial tone services to end-user local customers or provide 9. interexchange or toll services to end-user long distance customers, but rather provides transmission capabilities to service providers wishing to exchange traffic with LECs. Global is thus, by definition, an "intermediate carrier." As an intermediate carrier, Global provides wholesale interconnection services to third parties seeking to interconnect with local exchange carriers through an intermediary.
- Essentially, Global delivers one type of traffic for termination to MetTel's customers. 10. This type of traffic – which is the gravamen of this lawsuit – is voice over internet protocol

Case 1:08-cv-03829-JSR

("VoIP") telephone service. Each customer sends Global traffic that is VoIP and is "enhanced" in ways that benefically alter its form and content. The traffic Global receives from all of its customers is converted by Global to a form of "Internet Protocol" called Asynchronous Transfer Mode" ("ATM")(a format efficiently transmitted over Global's network), and then converted again to "Time Division Multiplexing" ("TDM") at the ILEC's or CLEC's demand when the traffic reaches the local loop. The traffic Met Tel receives from Global is received from its enhanced service provider customers and is exchanged between Global to Verizon with further delivery by Verizon for termination on Met Tel's network.

- In contrast to traditional telephony over the Public Switched Telephone Network 11. ("PSTN"), which uses a dedicated analog transmission path between two parties, Global carries data (i.e., digitized) traffic on behalf of its customers. These data "packets" are grouped and sent using an entirely different switching system (i.e., packet switching as opposed to analog switching).
- An expert agency, charged with regulation of all telecommunications in New York State, 12. relying at least partially on my affidavit and exhibits (customer letters), has confirmed that the traffic Global delivers for termination to LECs is nomadic VoIP traffic. The New York Public Service Commission (the "PSC found as a matter of fact that virtually all, if not all, of the traffic that Global delivers for transport and termination is nomadic VoIP traffic. PSC Case No. 07-C-0059, Complaint of TVC Albany, Inc. d/b/a Tech Valley Communications Against Global NAPs, Inc. for Failure to Pay Intrastate Access Charges, Order (the "TVC Order"), issued Mar. 20, 2008. at 14 (copy at Attachment A).
- Brad Masuret, our VP for Sales and Marketing, has primary responsibility for dealing 13. with our customers, i.e. the firms that pay us to forward the traffic. However, I personally know

who the present four customers are, namely Transcom, Commpartners, PointOne (UniPoint), and IDT.

- I am familiar with the contracted assurance they provide to us, and with the significance 14. of those assurances.
- I participated in obtaining letters from them further explaining what they do, and my 15. years in the telephony industry allow me to understand how they do it.
- The assertion of Transcom, our largest ESP customer/supplier as to the nature of the 16. traffic it sends to us were further confirmed by the findings and ruling of a federal court. I also enclose the testimony of Transcom's expert witness in that case.. Case No. 05-31929-HDH-11, In re Transcom Enhanced Services, LLC. in the United States Bankruptcy Court for the Northern District of Texas, Dallas Division, Order of Apr. 28, 2005)(Copy at Attachment B).

I declare under penalty of perjury pursuant to 28 U.S.C. §1746 that the foregoing is true and correct.

Executed this 6th day of August, 2008.

JAMES R. J. SCHELTEMA

EXHIBIT 2

UNITED STATES DISTRICT COURT SOUTHERN DISTRICT OF NEW YORK

Manhattan Telecommunications Corp., d/b/a Metropolitan Telecommunications, a/k/a MetTel 44 Wall Street 6th Floor New York, NY 10005

08 -CIV-3829 (Judge Rakoff)

Plaintiff,

-V3-

GLOBAL NAPS, INC.,

Defendani

DECLARATION OF BRADFORD MASURET

DECLARATION OF BRADFORD MASURET

I. Brad Masuret, declare as follows:

- I am over 18 years of age and am the Vice President of Sales and Marketing for Global 1. NAPs, Inc. I have personal knowledge of the facts set forth, and if called upon to testify to them, could and would competently do so.
- I have been in the telecommunications business with various fitms for over fifteen years. 2,
- Global NAPs, Inc. is an operating affiliate of Global NAPs New York, Inc., the 3. petitioner in the captioned proceeding.
- I recruit and deal directly with the customers of Global NAPs New York, Inc. (referred to herein as "Global NAPs") and the traffic they transmit and we forward. None of Global NAPs' customers are traditional residential and/or business end-user customers. All of them certify to us that they are Enhanced Service Providers ("ESPs"). Global NAPs requires all customers that

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request us to deliver traffic on their behalf to assure Global NAPs in their service contracts that they are qualified ESPs. All ESPs with which Global NAPs transacts business have contractually or otherwise assured Global NAPs that they meet the definition of being ESPs as defined by the Federal Communications Commission and are exempt from certain regulatory constraints placed on traditional voice telephony providers as a result.

- Because an end-user requires dial-tone to originate a call, Global's customers are not 5. traditional residential and/or business end-user customers.
- At present, four companies pay Global to forward their traffic. Those companies are 6. Transcom, CommPartners, PointOne (Unipoint), and IDT. Our largest customers, Transcom, CommPartners, and PointOne have provided Global with letters describing their activities. The website of the fourth, www.idt.net, describes its VoIP business. A fifth supplier during the relevant period, Ntera, is now in Chapter 7.
- To my knowledge, the two main specialized providers of VoIP service are Vonage and 7. Packet8. Our supplier, CommPartners, informs us that it carries Vonage traffic. I am aware from regulatory and judicial opinions that Vonage provides "nomadic" VoIP, that is it provides equipment so that its subscribers can begin a call from any location, national or international.
- The VoIP traffic handled by Global is "nomadic." By nature, these services are portable 8. and may, for example, be placed via a laptop computer from anywhere there is Internet access, e.g., a Starbucks store.
- In the case of VoIP traffic, the number assigned to the calling party may have no 9. geographical relevance to his physical location. The calling party may have a number with a 212 area code whether he is placing the call from San Francisco or Miami - and in neither instance is the calling party's number geographically correlated to Manhattan. This makes traditional

measures of associating the called and calling party's number to determine distance impossible as a practical matter.

Section 8 of the general terms and conditions of each of those contracts states that the ĬO. ESP either is or may be (depending on the individual contract and whether the ESP is sending traffic to Global to terminate) providing VoIP services.

FM



I declare under penalty of perjury under the laws of the United States of America that the foregoing is true and correct.

Executed this 6th day of August, 2008, at Quincy, Massachusetts.

EXHIBIT 3

UNITED STATES DISTRICT COURT SOUTHERN DISTRICT OF NEW YORK

Manhattan Telecommunications Corp., d/b/a Metropolitan Telecommunications, a/k/a MetTel 44 Wall Street, 6th Floor. New York, NY 10005,

Index No.: 08 civ 3829 (JSR)

RESPONSE TO INTERROGATORIES

Plaintiff.

V.

Global Naps, Inc., and John Doe 1-5,

Defendants.

INTERROGATORY 1

Identify the tariff section and tariff rate used to compute the interstate access charge upon which MetTel's bills to GNAPs were based.

ANSWER:

Former Bell Atlantic States NY: FCC NO. 1 Access, Section 3,

Tandem Transport section 3.6 (B) (1) (page 12) \$0.00003

Local Switching Section 3.6 (B) (6) (c) \$0.002431

Shared End Office trunk Port (g) \$ 0.001595

Section 3.6 (B) (7) query charge \$0.003702 per query

Former Nynex States

Tandem Transport Per Mile per minute of use Section 3.6 (C) (1) page 15

Local Switching section 3.6 (C) (7) (b) \$0.002084

Shared End Office Trunk Port (C) (9) \$0.001595

Query Charge (C) (10) (a) \$0.003702

INTERROGATORY 2

Identify the tariff section and tariff rate used to compute the intrastate access charge upon which MetTel's bills to GNAPs were based.

ANSWER:

See attached PDF file.

INTERROGATORY 3

Identify all carriers who have been billed by or paid metTel at either of the rates identified in your answers to Interrogatories 1 and 2 for ESP or VoIP traffic terminated from them to MetTel's subscribers.

ANSWER:

OBJECTION

MetTel has not billed or differentiated due to whether traffic was in VoIP protocol or not.

INTERROGATORY 4

Identify all carriers who have been billed by, or paid, MetTel at some other rate for ESP or VoIP traffic terminated from them to MetTel's subscribers, and in the case of each such carrier, state and the rates at which it has been billed or has paid.

ANSWER:

None

INTERROGATORY 5

Identify all persons within MetTel who helped develop the tariffs applied to GNAPs traffic or the bills sent to GNAPs, or who are knowledgeable about those two issues.

ANSWER:

OBJECTION

Sam Vogel and John Rossi developed the tariffs. They did not develop the tariffs with any specific customer or carrier in mind. CDG handles the billing. No carrier was billed differently because the carrier was handling VoIP.

INTERROGATORY 6

State the rate of compensation MetTel pays to Verizon for forwarding traffic such as that from GNAPs to MetTel.

ANSWER:

MetTel owes Verizon a switching charge for completing calls to our customers. It depends on the jurisdiction.

INTERROGATORY 7

- (a) Do you have reason to believe that any traffic forwarded from GANPs to MetTel for termination to MetTel's customers is anything other than VoIP?
- (b) If so, state such reason or reasons.

ANSWER:

OBJECTION: MetTel's belief as to what protocol GNAPs uses is irrelevant to any issue in this case.

(a) MetTel has no reason to know, without viewing GNAPS network, exactly what protocols GNAPs uses to transmit voice calls. GNAPs must prove that its calls are VoIP from origination to handoff to claim that its calls are calls utilizing VoIP.

(b) MetTel believes that GNAPs hands off calls to Verizon's network in Time

Division Multiplexing ("TDM) format based on MetTel's belief that Verizon only
receives calls in such format. Accordingly, based on that reasonable belief and
without more proof MetTel has no reason to know that the calls GNAPs hands off
are originated in any other protocol.

Dated: July 29, 2008

By:

David E. Aronow, Esq. (DA-2026) Attorney for Plaintiff MetTel

44 Wall Street, 6th Floor New York, New York 10005

(212) 359-1000

EXHIBIT 4

STROTHER, P.C. McGuire, Craddock &

500 N. AKARD, SUITE 3550 LINCOLN PLAZA DALLAS, TEXAS 75201 www.mcslaw.com

STEVEN H. THOMAS DIRECT: 214,954.6845 sthomas@mcslaw.com Licensed in New York and Texas

TELEPHONE: 214.954.6800 TELECOPIER: 214,954,6868

June 19, 2008

Via e-mail to: ischeltema@gnaps.com James R. J. Scheltema, CPA, Esq. Global NAPs, Inc. Vice President - Regulatory Affairs 1311 East La Rua St. Pensacola, FL 32501

> Public Service Commission actions involving Global NAPs Re:

Dear Mr. Scheltema:

As you know, this firm represents Transcom Enhanced Services, Inc. ("Transcom"). In our telephone conversation yesterday, you requested that we provide you with certain information that might assist you in certain Public Service Commission ("PSC") proceedings involving your company (the "GNAPs Proceedings"). We are happy to assist, subject to our concern that proper steps be taken to maintain the confidentiality of the information we provide. To that end, please note that the information provided below qualifies as trade secrets, confidential commercial information and critical infrastructure information. More specifically, dissemination of the information provided below to Transcom's competitors or to the general public would cause unfair economic or competitive damage to Transcom because it would reveal the basic structure of Transcom's network and provide insight into the type of customers Transcom serves. As such, the information provided below may be used only in the context of the GNAPs Proceedings. Moreover, the information below may be submitted to a PSC only after you have obtained protection against unauthorized use or dissemination by way of a protective order, confidentiality agreement, or other enforceable mechanism.

With that understanding, Transcom is an enhanced service provider serving the VoIP communications industry with call enhancement and termination. On four separate occasions, courts have ruled that Transcom's system qualifies under the definitions of "enhanced service" and "information service" under the telecom laws, and therefore Transcom's system is not a "telecommunications service" and Transcom is not obligated to pay access charges. On two separate occasions, courts receiving evidence regarding the operation of Transcom's system have found that the system enhances every single call that passes through it.

Case 1:08-cv-03829-JSR Document 22-5 Filed 09/03/2008 Page 3 of 13

James R. J. Scheltema, CPA, Esq. Global NAPs, Inc. Vice-President - Regulatory Affairs June 19, 2008 Page 2 Account of the control of the contro

The vast majority of calls passing through Transcom's system do not originate on the PSTN, but rather are broadband-originated traffic. Moreover, a significant portion of calls that pass through Transcom's system originate from "nomadic" VoIP services, which means that the VoIP customer can use the service "nomadically" by connecting with a broadband internet connection anywhere in the world. Transcom's customers include some of the largest nomadic VoIP services in the country.

We hope that this letter provides you with the information you need. If you have any questions, or need any further information, please do not hesitate to contact the undersigned.

Best regards.

Sincerely yours,

McGuire, Craddock & Strother, P.C.

By Steven H. Thomas Suc

SHT/vwk



GLOBAL NAPS, INC. TELEPHONE SWITCH SERVICE AGREEMENT

Global NAPs, INC. ("GLOBAL") and Transcom Enhanced Services, LLC. ("CLIENT"), an Enhanced Service Provider hereby agree, subject to the Global General Terms and Conditions, which are incorporated herein by reference, that GLOBAL shall provide to CLIENT the following service as set out below:

Description of Service: GLOBAL shall provide CLIENT with service as may be more 1 particularly described as follows:

Local Origination Service and/ or Local Termination Service to be provided hereunder by Client's submission of such requests to Service Provider from time to time, on the Service Provider service order form(s) ("Service Order").

Service Provider will provide Local Termination Services to any end user served within the Serviceable Rate Centers.

Per Customer Order Start Date: 2.

3. Compensation:

Compensation for these Services shall consist of Monthly recurring charges (MRC). The Monthly recurring charge (MRC) will be paid in two equal installments before the 1st and the 15th of each month. Payments will be based on the schedule attached hereto and the services ordered. In addition and if applicable, the CLIENT shall pay Global for all outgoing calls, which have a per minute cost in accordance to the rates and terms set forth in GLOBAL's tariff, or in accordance with the rates and terms set forth in the special agreement between GLOBAL and CLIENT, if any and/or if applicable. Generally, these per minute charges relate to any terminating calls, which are considered "off net" as per the attached schedule.

Payment 4.

- CLIENT shall pay GLOBAL the set up fee and the first one half of the monthly 4.1 trunk charge prior toprovide service. Subsequent one half of the monthly trunk charges will be billed in advance of the half of the month to which they apply. GLOBAL shall invoice CLIENT for outbound service, and these invoices shall be paid within Thirty (30) days following the date of CLIENT's invoice. CLIENT payments to GLOBAL shall be made without set off.
- Any charges not paid when due, shall be subject to late charges at one and 4.2 one-half percent (1 1/2%) per month.
- GLOBAL may terminate this Agreement if any charge is not paid in full prior to 43 due date. In such event, CLIENT shall be responsible for all unpaid charges plus all of Global costs and expenses associated with the collection of said unpaid charges (including reasonable attorneys' fees).

- 4.4 For disputed invoices, requests for billing adjustments together with all supporting documentation must be received by GNAPS within sixty (60) days from the date of the invoice in dispute or the right to a billing adjustment will be waived. All such requests must be in writing and must clearly identify the amount in dispute and the specific items in dispute. Requests for billing adjustments that do not provide adequate information for analysis by GNAPS, as determined in GNAPS's sole discretion, will be rejected and Client will be notified of the inadequate information, with an opportunity to submit subsequent information. Global will timely respond to Client regarding the adequacy of the information provided. In the event of a billing dispute, Customer must timely pay any undisputed amounts.
- 4.5 If the GNAPS network is not available to the client for more than 45 consecutive minutes in a given day, that day shall be considered "Downtime". Client Downtime caused by direct action or inaction on the part of GNAPS, and being wholly under the control of GNAPS, will be credited to the client. For the purpose of credit calculation, each day of downtime shall be assessed the dollar value of 1/30th of the discounted rate, as listed in the Order form. If Downtime occurs on more than 4 days in a period of 30 consecutive days or the product changes (NPA-NXX's deleted from footprint). Client may at its sole discretion, terminate any or all agreements with GNAPS without penalty.

5. Certain Federal, State and Local Taxes

- Any state or local excise, sales, or use taxes (excluding any taxes on income) resulting from the performance of this Agreement shall be borne by the Party upon which the obligation for payment is imposed under applicable law even if the obligation to collect and remit such taxes is placed upon the other Party. Each Party shall be responsible for filing all returns for federal, state or local sales, use, excise, governmental, or other taxes or tax-like fees imposed on or with respect to its services.
- To the extent permitted by applicable law, the Party obligated to pay such taxes may contest the same in good faith and shall be entitled to the benefit of any refund, provided that such Party cannot permit any lien to exist on any assets of the other Party by reason of any such contest.

WITNESS our hands and seals this	22: GE	
	Global NAPs, Inc., (By: (Signature)	=GLOBAL")
	(Name)	
	(Title)	

("CLIENT")

Company

Transcom Enhanced Services, LLC.

Address

1950 W. John Carpenter Freeway, Suite 500

City, State Zip

Irving, TX 75063

Name

Chad Frazier

Phone

972-792-3700

Fax

972-889-2775



GENERAL TERMS AND CONDITIONS

The following General Terms and Conditions are incorporated into the agreements between Global NAPs, INC., Global NAPs Realty, INC. and/or Global NAPs Networks, Inc. (each hereinafter referred to as ("GLOBAL") and Transcom Enhanced Services, LLC. ("CLIENT").

1. Term and Termination

- The initial term of this Agreement, and each Customer Order, is Six (6) Months. 1.1 Thereafter, this Agreement will be automatically renewed on a month to month basis unless either party provides the other party with written notification, at least thirty (30) days prior to the expiration of the then current term of this Agreement, of its intention not to renew this Agreement. If substantially all of the assets of either Party are sold the buyer may, upon thirty (30) days written notice, terminate this contract.
- Except as otherwise provided for herein, in the event that either Party commits a 1.2 material breach of this Agreement, and fails to cure such breach within Thirty (30) days after written notice of such breach from the nonbreaching Party, the nonbreaching Party may terminate this Agreement.
- Neither Party shall be relieved of its respective obligations arising prior to the 1.3 termination of this Agreement,

Severability 2

In the event that any one or more of the provisions contained herein shall for any reason be held to be unenforceable in any respect under the laws of the jurisdiction governing the entire Agreement, such unenforceability shall not affect any other provision of this Agreement, but this Agreement shall be construed as if such unenforceable provision or provisions had never been contained herein.

Amendments: Waivers 3.

- Except as otherwise provided herein, this Agreement may be amended only by 3. 1 written Agreement signed by authorized representatives of both Parties.
- No waiver of any provisions of this Agreement and no consent to any default 3.2 under this Agreement shall be effective unless the same shall be in writing and signed by or on behalf of the Party against whom such waiver or consent is claimed. No course of dealing or failure of any Party to enforce any term, right or condition of this Agreement shall be construed as a waiver of such term, right or condition.

4. Independent Contractors

Each Party shall perform its obligations hereunder as an independent contractor and not as the agent, employee or servant of the other Party, and neither Party nor any person furnished by such Party shall be deemed employees, agents or servants of the other Party or entitled to any benefits available under the plans for such other Party's employees.

5. No Exclusivity

Nothing herein shall be construed to prohibit either Party from entering into similar arrangements with any third Party, or to use its own assets and personnel for any legitimate business purpose.

Force Maieure 6.

Neither Party shall be held liable for any delay or failure in performance of any part of this Agreement from any force majeure condition, including acts of God, acts of civil or military authority, government regulations, embargoes, epidemics, war, terrorist acts, riots, insurrections, fires, explosions, earthquakes, nuclear accidents, floods, strikes, power blackouts, unusually severe weather conditions, inability to secure products or services of other persons or transportation facilities, acts of Global suppliers, acts or omissions of transportation common carriers, or other causes beyond their reasonable control whether or not similar to the foregoing conditions.

7. Warranty

GLOBAL warrants that it has as of the Effective Date hereof, the right to provide the Service to CLIENT. GLOBAL makes no other warranties with respect to its provision of the Service under this Agreement, either express or implied. GLOBAL AND ITS SUPPLIERS EXPRESSLY DISCLAIM ALL IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

8. Liabilities

GLOBAL SHALL NOT BE LIABLE FOR ANY LOSS OR DAMAGE INCURRED BY REASON OF OR INCIDENTAL TO GLOBAL'S PROVISION OF SERVICE UNDER THIS AGREEMENT AND SUCH LIMITATION OF DAMAGES BY GLOBAL SHALL INCLUDE, BUT NOT BE LIMITED TO. AMOUNTS FOR DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND WHATSOEVER, INCLUDING LOST REVENUE OR LOST PROFITS, EVEN IF ADVISED OF THE POSSIBILITY THEREOF, WHETHER SUCH DAMAGES ARISE OUT OF BREACH OF CONTRACT, BREACH OF WARRANTY, NEGLIGENCE, STRICT LIABILITY OR ANY OTHER THEORY OF LIABILITY AND WHETHER SUCH DAMAGES WERE

FORESEEABLE OR NOT AT THE TIME THIS AGREEMENT WAS EXECUTED. The parties acknowledge that CLIENT is an enhanced service provider and may provide VOIP services. GLOBAL shall be under no obligation to defend or indemnify CLIENT for claims by third parties arising from the provision of VOIP services. GLOBAL makes no representation to CLIENT regarding VOIP services.

9. Indemnification

To the extent not prohibited by law, and except as otherwise provided herein, the Parties shall indemnify, defend and hold each other and their suppliers harmless from and against any loss, cost, claim, injury or liability brought by a person not a party or an affiliate under this Agreement that relates to or arises out of their own acts or omissions or the acts or omissions of their employees, agents or contractors in the use of the Service under this Agreement, whether negligent or otherwise. The Parties shall notify each other of any claims as soon as practicable, and reasonably cooperate with each other in the defense of any claims.

10. Governing Law

This Agreement shall be deemed to be a contract made in the State of Massachusetts, and the construction, interpretation, and performance of this Agreement shall be governed by the substantive laws of said State. Any action or proceeding brought by either Party shall be brought only in the courts of the State of Massachusetts, County of Norfolk, and each of the Parties consents to jurisdiction of such courts (and of the appropriate appellate courts) in any such action or proceeding. Process in any action or proceeding referred to in the preceding sentence may be served on either Party anywhere in the world.



Executed in Counterparts 3

This Agreement may be executed in any number of counterparts, each of which shall be an original; but such counterparts shall together constitute but one and the same document.

12 Headings

The headings and numbering of sections in this Agreement are for convenience only and shall not be construed to define or limit any of the terms herein or affect the meaning or interpretation of this Agreement.

Entire Agreement 13.

This Agreement, including any Attachments, constitutes the entire Agreement between the Parties and supersedes all prior oral or written Agreements, representations, statements, negotiations, understandings, proposals or undertakings with respect to the subject matter hereof.

Notices and Demands 14

All notices, demands, requests, elections, or other communications herein provided to be given or which may be given by one Party to the other Party shall be made in writing and, except as otherwise provided herein, such notices, demands, requests. elections, or other communications shall be deemed to have been duly given when received. If hand delivered, any such notice, demand, request, election or other communication shall be deemed to have been received on the business day received; if sent by registered or certified mail, return receipt requested, the date of receipt: if sent by overnight courier, the day after delivery to the courier; and if sent by electronic facsimile and followed by an original sent via overnight or first class mail, the date of confirmation of the facsimile: and in all cases shall be addressed as follows:

If to GLOBAL:

William J. Rooney, Jr. General Counsel Global NAPs, Inc. Ten Merrymount Rd. Quincy, MA 02169

If to CLIENT: At the address set forth in the Agreement.

The address to which such notices may be given by either Party may be changed by written notice given by such Party to the other Party pursuant to this Section. All notices sent hereunder, whether by mail, overnight courier, or personal delivery, shall be sent return receipt requested.



15. Third-Party Beneficiaries

This Agreement shall not provide any person not a Party to this Agreement with any remedy, claim, liability, reimbursement, cause of action or other right in excess of those existing without reference to this Agreement. Either Party may, however, assign this contract to an affiliate, parent or subsidiary upon Seven (7) days written notice.

16. Delegation and Assignment

- 16.1 Neither Party may assign, transfer, or sell its rights under this Agreement, or delegate its obligations hereunder, without the prior written consent of the other Party which written consent will not be unreasonably withheld. The Parties may, however, assign their rights or delegate their obligations to affiliated corporations, or parent or subsidiary corporations.
- 16.2 Subject to the above restrictions, the provisions of this Agreement shall be binding upon and shall inure to the benefit of the Parties and their permitted assigns and successors.

17. Survival

The provisions contained herein, the provisions contained in the Telephone Switch Service Agreement and the provisions contained in the Collocation Agreement, if any, between the Parties shall survive the termination of said Agreements.

18 Governmental Compliance

- 18.1 Each Party shall perform this Agreement in compliance with all applicable federal, state, county, and local laws, regulations, government agency orders or decisions and codes, and shall obtain permits and certificates where needed. In the event that such permits or certificates cannot be obtained, or in the event that legislative, regulatory, other legal action or changes in laws invalidate a material term(s) of this Agreement or adversely affects a Party's ability to perform a material term(s) of this Agreement, the Parties shall attempt to renegotiate a new term(s) as may be required to allow this Agreement to continue. In the event that such new term(s) cannot be renegotiated, and the ability of one or both Parties to perform this Agreement has been materially adversely affected, then, the adversely affected Party shall have the right to terminate this agreement upon Thirty (30) days notice.
- All obligations under this Agreement shall be performed in compliance with those statutes, government agency orders, and regulations prohibiting discrimination against any employee or applicant for employment because of race, color, religion, sex, national origin, age, or handicap. Where required by law, certificates of compliance shall be provided.

19. Confidentiality

The Parties covenant and agree that they will not either during the term of this agreement, or at any time thereafter, disclose to anyone any confidential information



concerning each other business or affairs. Information shall be considered confidential only if it is clearly marked as confidential or designated in writing as confidential before being provided to the other Party.

WITNESS our hands and seals this ______ day of ________. 20____.

Global Naps, Inc. ("GLOBAL")

(Name)

("CLIENT")

Company

Transcom Enhanced Services, LLC.

Address

1950 W. John Campenter Freeway, Suite 500

City. State Zip

Irving, TX 75063

Name

Chad Frazier

Phone

972-792-3700

Fax

972-889-2775

By:

Schedule A

Service Order Form for Origination and Termination Services

Date:

Customer:

Start Date:

Circuit Type and Associated Charges

Bandwidth: DS3 Quantity: |

Installation Charge: waived

Monthly Recurring Charge: SC

Extended Monthly Recurring Charge: S

CLIENT Billing Information

Company Name;

Transcom Enhanced Services, LLC.

Street Address:

1925 W. John Carpenter Freeway

Suite, Room, Floor:

Suite 500

City, State, Zip Code:

Irving, TX 75063

Billing Contact:

Carolyn Malone cmalone@ transcomus.com

Billing Email: Billing Phone:

972-792-3700

Billing Fax:

972-889-2825

EXHIBIT 5





Kristopher E. Twomey Regulatory Counsel

December 4, 2007

Via Email and DHL Mr. Brad Masuret Global NAPS, Inc. 10 Merrymount Road Quincy, MA 02169

Dear Brad:

You asked me to provide additional information regarding the types of traffic CommPartners Holding Corporation ("CommPartners") affiliates send to Global NAPs for termination in the state of New York. Additionally, you asked me to identify the wholesale carrier customers sending traffic to CommPartners for eventual termination by Global NAPs.

There are two separate business units within CommPartners. One provides hosted voice over Internet protocol ("VoIP") and related IP services on a wholesale basis to network integrators, ISPs, and VoIP providers. These "partners" sell IP voice/data services primarily to small and medium-sized business customers. All traffic from this side of the company originates as IP.

The second business unit acts as a carrier's carrier for other VoIP providers. CommPartners controls a nationwide, licensed competitive local exchange carrier ("CLEC"), CommPartners, LLC, with network currently built in twelve states. CommPartners terminates its affiliate's hosted VoIP traffic and carrier's carrier traffic on the CLEC's trunks in those states. In states where CommPartners has not yet built network, or needs additional termination capacity, CommPartners acts as an intermediate carrier sending traffic to Global NAPs and other CLECs for termination. CommPartners' contracts with its carrier customers specify that only true IP-originated traffic be sent to CommPartners for termination. CommPartners' largest wholesale termination customer is Vonage. CommPartners has reason to believe that its other wholesale carrier customers offer services similar to Vonage, i.e. enhanced service provider traffic generated by end users without fixed origination points. This is the type of IP-originated traffic that CommPartners sends to Global NAPs for termination in New York.

Please let me know if I can provide any additional information.

Sincerely,

Kristopher E. Twomey Regulatory Counsel

3291 North Suffaio Chive, Suite 150 1 as Vegas, AV 89129 Phone: 702.367.2647 axc

Fax: 702 365,8647



GLOBAL NAPS, INC. TELEPHONE SWITCH SERVICE AGREEMENT

Global NAPs, INC. ("GLOBAL") and TPC Networks ("CLIENT"), an Enhanced Service Provider hereby agree, subject to the Global General Terms and Conditions, which are incorporated herein by reference, that GLOBAL shall provide to CLIENT the following service as set out below:

1. <u>Description of Service</u>: GLOBAL shall provide CLIENT with telephone service as may be more particularly described as follows:

During the Term of this Agreement, CLIENT shall request Local Termination Service to be provided hereunder by submitting such requests to Service Provider from time to time, on Schedule A Service Provider Service Order Form(s) ("Service Order").

Service Provider will provide Local Termination Services to any end user served within the Serviceable Rate Centers.

2. Start Date: Per Customer Order

3. Compensation

Compensation for these services shall consist of separate charges. There will be Non-recurring charges (NRC) and Monthly recurring charges (MRC). The Monthly recurring charge (MRC) will be paid in equal installments based on the schedule attached hereto and the services ordered. In addition and if applicable, the CLIENT shall pay Global for all outgoing telephone calls, which have a per minute cost in accordance to the rates and terms set forth in GLOBAL's tariff, or in accordance with the rates and terms set forth in the special agreement between GLOBAL and CLIENT, if any and/or if applicable. Generally, these per minute charges relate to any terminating calls, which are considered "off net" as per the attached schedule.

4. Payment

- 4.1 CLIENT shall pay GLOBAL the set up fee and the first monthly trunk charge prior to the turnup of any service or providing service. Subsequent monthly trunk charges will be billed in advance of the month to which they apply. GLOBAL shall invoice CLIENT for outbound service, and these invoices shall be paid within Thirty (30) days following the date of CLIENT's invoice. CLIENT payments to GLOBAL shall be made without set off.
- 4.2 Any charges not paid when due, shall be subject to late charges at one and

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Page 1



one-half percent (1 1/2%) per month.

- 4.3 GLOBAL may terminate this Agreement if any charge is not paid in full prior to due date. In such event, CLIENT shall be responsible for all unpaid charges plus all of Global costs and expenses associated with the collection of said unpaid charges (including attorneys' fees).
- For disputed invoices, requests for billing adjustments together with all supporting documentation must be received by GNAPS within thirty (30) days from the date of the invoice in dispute or the right to a billing adjustment will be waived. All such requests must be in writing and must clearly identify the amount in dispute and the specific items in dispute. Requests for billing adjustments that do not provide adequate information for analysis by GNAPS, as determined in GNAPS's sole discretion, will be rejected and any outstanding amounts will be due according to the invoice which was the subject of the request. In the event of a billing dispute, Customer must timely pay any undisputed amounts.

5. Certain Federal. State and Local Taxes

- 5.1 Any state or local excise, sales, or use taxes (excluding any taxes on income) resulting from the performance of this Agreement shall be borne by the Party upon which the obligation for payment is imposed under applicable law even if the obligation to collect and remit such taxes is placed upon the other Party. Each Party shall be responsible for filing all returns for federal, state or local sales, use, excise, governmental, or other taxes or tax-like fees imposed on or with respect to its services.
- 5.2 To the extent permitted by applicable law, the Party obligated to pay such taxes may contest the same in good faith and shall be entitled to the benefit of any refund, provided that such Party cannot permit any lien to exist on any assets of the other Party by reason of any such contest.

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Page 2

WITNESS our hands and seals this 25 day of October 2004

Global NAPs, Inc. ("GLOBAL")

By:

Kevin J Burke (Name)

President (Title)

("CLIENT")

Company TPC Networks, INC Address 645 Rita Drive

City, State Zip River Vale, NJ, 7675

Name Kevin Burke Phone 201-573-0628 201-5730-740 Fax

Global NAPs Confidential

Sent By: TPC Networks;

201 573 0740:

Oct-26-04 8:06PM:

Page 4



GENERAL TERMS AND CONDITIONS

The following General Terms and Conditions are incorporated into the agreements between Global NAPs, INC., Global NAPs Realty, INC. and/or Global NAPs Networks, Inc. (each hereinafter referred to as ("GLOBAL") and TPC Networks, INC ("CLIENT").

1. Term and Termination

- 1.1 The initial term of this Agreement, and each Customer Order, is One (1) year. Thereafter, this Agreement will be automatically renewed for consecutive one (1) year periods unless either party provides the other party with written notification, at least sixty (60) days prior to the expiration of the then current term of this Agreement, of its intention not to renew this Agreement. If substantially all of the assets of either Party are sold the buyer may, upon Nine (9) months written notice, terminate this contract.
- 1.2 Except as otherwise provided for berein, in the event that either Party commits a material breach of this Agreement, and fails to cure such breach within Thirty (30) days after written notice of such breach from the nonbreaching Party, the non-breaching Party may terminate this Agreement.
- 1.3 Neither Party shall be relieved of its respective obligations arising prior to the termination of this Agreement.
- 1.4 Notwithstanding anything to the contrary contained herein the service term for the initial service order is 90 days as a trial service. At the end of the 90 day trial service term, the service can be disconnected with no penalty to customer with 5 days written notice to Global NAPs.

2. Severability

In the event that any one or more of the provisions contained herein shall for any reason be held to be unenforceable in any respect under the laws of the jurisdiction governing the entire Agreement, such unenforceability shall not affect any other provision of this Agreement, but this Agreement shall be construed as if such unenforceable provision or provisions had never been contained herein.

3. Amendments: Waivers

3. 1 Except as otherwise provided herein, this Agreement may be amended only by written Agreement signed by authorized representatives of both Parties.



3.2 No waiver of any provisions of this Agreement and no consent to any default under this Agreement shall be effective unless the same shall be in writing and signed by or on behalf of the Party against whom such waiver or consent is claimed. No course of dealing or failure of any Party to enforce any term, right or condition of this Agreement shall be construed as a waiver of such term, right or condition.

4. Independent Contractors

Each Party shall perform its obligations hereunder as an independent contractor and not as the agent, employee or servant of the other Party, and neither Party nor any person furnished by such Party shall be deemed employees, agents or servants of the other Party or entitled to any benefits available under the plans for such other Party's employees.

5. No Exclusivity

Nothing herein shall be construed to prohibit either Party from entering into similar arrangements with any third Party, or to use its own assets and personnel for any legitimate business purpose.

6. Force Majeure

Neither Party shall be held liable for any delay or failure in performance of any part of this Agreement from any force majeure condition, including acts of God, acts of civil or military authority, government regulations, embargoes, epidemics, war, terrorist acts, riots, insurrections, fires, explosions, earthquakes, nuclear accidents, floods, strikes, power blackouts, unusually severe weather conditions, inability to secure products or services of other persons or transportation facilities, acts of Global suppliers, acts or omissions of transportation common carriers, or other causes beyond their reasonable control whether or not similar to the foregoing conditions.

7. Warranty

GLOBAL warrants that it has as of the Effective Date hereof, the right to provide the Service to CLIENT, GLOBAL makes no other warranties with respect to its provision of the Service under this Agreement, either express or implied. GLOBAL AND ITS SUPPLIERS EXPRESSLY DISCLAIM ALL IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

Global NAPs Confidential

Page 5

Sent By: TPC Networks;

201 573 0740;

Oct-28-04 8:07PM;

Page 6/12



jurisdiction of such courts (and of the appropriate appellate courts) in any such action or proceeding. Process in any action or proceeding referred to in the preceding sentence may be served on either Party anywhere in the world.

11. Executed in Counterparts

This Agreement may be executed in any number of counterparts, each of which shall be an original; but such counterparts shall together constitute but one and the same document.

12. Headings

The headings and numbering of sections in this Agreement are for convenience only and shall not be construed to define or limit any of the terms herein or affect the meaning or interpretation of this Agreement.

13. Entire Agreement

This Agreement, including any Attachments, constitutes the entire Agreement between the Parties and supersedes all prior oral or written Agreements, representations, statements, negotiations, understandings, proposals or undertakings with respect to the subject matter hereof.

14. Notices and Demands

All notices, demands, requests, elections, or other communications herein provided to be given or which may be given by one Party to the other Party shall be made in writing and, except as otherwise provided herein, such notices, demands, requests, elections, or other communications shall be deemed to have been duly given when received. If hand delivered, any such notice, demand, request, election or other communication shall be deemed to have been received on the business day received; if sent by registered or certified mail, return receipt requested, the date of receipt; if sent by overnight courier, the day after delivery to the courier; and if sent by electronic facsimile and followed by an original sent via overnight or first class mail, the date of confirmation of the facsimile; and in all cases shall be addressed as follows:

If to GLOBAL:

Global NAPs Confidential

8. Liabilities

GLOBAL SHALL NOT BE LIABLE FOR ANY LOSS OR DAMAGE INCURRED BY REASON OF OR INCIDENTAL TO GLOBAL'S PROVISION OF SERVICE UNDER THIS AGREEMENT AND SUCH LIMITATION OF DAMAGES BY GLOBAL SHALL INCLUDE, BUT NOT BE LIMITED TO, AMOUNTS FOR DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND WHATSOEVER, INCLUDING LOST REVENUE OR LOST PROFITS, EVEN IF ADVISED OF THE POSSIBILITY THEREOF, WHETHER SUCH DAMAGES ARISE OUT OF BREACH OF CONTRACT, BREACH OF WARRANTY, NEGLIGENCE, STRICT LIABILITY OR ANY OTHER THEORY OF LIABILITY AND WHETHER SUCH DAMAGES WERE FORESEEABLE OR NOT AT THE TIME THIS AGREEMENT WAS EXECUTED.

THE PARTIES ACKNOWLEDGE THAT CLIENT IS AN ENHANCED SERVICE PROVIDER AND IS PROVIDING VOIP SERVICES. GLOBAL SHALL BE UNDER NO OBLIGATION TO DEFEND OR INDEMNIFYCLIENT FOR CLAIMS BY THIRD PARTIES ARISING FROM THE PROVISION OF VOIP SERVICES. GLOBAL MAKES NO REPRESENTATION TO CLIENT REGARDING VOIP SERVICES.

9. Indemnification

To the extent not prohibited by law, and except as otherwise provided herein, the Parties shall indemnify, defend and hold each other and their suppliers harmless from and against any loss, cost, claim, injury or liability brought by a person not a party or an affiliate under this Agreement that relates to or arises out of their own acts or omissions or the acts or omissions of their employees, agents or contractors in the use of the Service under this Agreement, whether negligent or otherwise. The Parties shall notify each other of any claims as soon as practicable, and reasonably cooperate with each other in the defense of any claims.

10. Governing Law

This Agreement shall be deemed to be a contract made in the State of Massachusetts, and the construction, interpretation, and performance of this Agreement shall be governed by the substantive laws of said State. Any action or proceeding brought by either Party shall be brought only in the courts of the State of Massachusetts, County of Norfolk, and each of the Parties consents to

Global NAPs Confidential

Page 6

Oct-26-04 8:07PM;

Page 8/12

ient By: TPC Networks;

201 573 0740;

William J. Rooney, Jr. General Counsel Global NAPs, Inc. Ten Merrymount Rd. Oningy, MA 02169

If to CLIENT: At the address set forth in the Agreement.

The address to which such notices may be given by either Party may be changed by written notice given by such Party to the other Party pursuant to this Section. All notices sent hereunder, whether by mail, overnight courier, or personal delivery, shall be sent return receipt requested.

Kevin i Burke President TPC networks, INC 645 Rita Drive River Vale, NJ, 07675 Sent By: TPC Networks;

201 573 0740;

Oct-28-04 8:08PM;

Page 9/12



15. Third-Party Beneficiaries

This Agreement shall not provide any person not a Party to this Agreement with any remedy, claim, liability, reimbursement, cause of action or other right in excess of those existing without reference to this Agreement. Either Party may, however, assign this contract to an affiliate, parent or subsidiary upon Seven (7) days written notice.

16. Delegation and Assignment

- 16.1 Neither Party may assign, transfer, or sell its rights under this Agreement, or delegate its obligations hereunder, without the prior written consent of the other Party which written consent will not be unreasonably withheld. The Parties may, however, assign their rights or delegate their obligations to affiliated corporations, or parent or subsidiary corporations.
- 16.2 Subject to the above restrictions, the provisions of this Agreement shall be binding upon and shall inure to the benefit of the Parties and their permitted assigns and successors.

17. Survival

The provisions contained herein, the provisions contained in the Telephone Switch Service Agreement and the provisions contained in the Collocation Agreement, if any, between the Parties shall survive the termination of said Agreements.

18 Governmental Compliance

18.1 Each Party shall perform this Agreement in compliance with all applicable federal, state, county, and local laws, regulations, government agency orders or decisions and codes, and shall obtain permits and certificates where needed. In the event that such permits or certificates cannot be obtained, or in the event that legislative, regulatory, other legal action or changes in laws invalidate a material term(s) of this Agreement or adversely affects a Party's ability to perform a material term(s) of this Agreement, the Parties shall attempt to renegotiate a new term(s) as may be required to allow this Agreement to continue. In the event that such new term(s) cannot be renegotiated, and the ability of one or both Parties to perform this Agreement has been materially adversely affected, then, the adversely affected Party shall have the right to terminate this agreement upon Thirty (30) days notice.



All obligations under this Agreement shall be performed in compliance with those statutes, government agency orders, and regulations prohibiting discrimination against any employee or applicant for employment because of race, color, religion, sex, national origin, age, or handicap. Where required by law, certificates of compliance shall be provided.

19. Confidentiality

The Parties covenant and agree that they will not either during the term of this agreement, or at any time thereafter, disclose to anyone any confidential information concerning each other business or affairs. Information shall be considered confidential only if it is clearly marked as confidential or designated in writing as confidential before being provided to the other Party.

Global NAPs Confidential

Filed 09/03/2008 Page 13 of 14

Sent By: TPC Networks;

201 573 0740;

Oct-26-04 8:08PM;

Page 11/12

WITNESS our hands and seals this 25 day of October 2004.

Global Naps, Inc. (*GLOBAL*)

Kevin Burke

("CLIENT")

Company TPC Networks Address 645 Rita Drive

City, State Zip River Vale, NJ, 07675

Name Kevin Burke 201-573-0628 Phone_

Fax 201-573-0740

Global NAPs Confidential

201 573 0740:

Oct-26-04 8:08PM;

Page 12/12

CONFIDENTAL

Schedule A

Service Order Form for Origination and Termination Services

Date: October 25, 2004 Customer: TPC Networks Start Date: 11/1/2004

Circuit Type and Associated Charges

Bandwidth: DS3 Onantity: 1

ent By: TFC Hetworks;

Installation Charge: Waived

Monthly Flat Rate DS3 Recurring Charge: Salah Extended Monthly Recurring Charge:

NOTES: Start with 4 Ds is for test, then migrate to full DS3

CLIENT Billing Information

Company Name: TPC Networks Street Address: 645 Rita Drive

Suite, Room, Floor: A/P

City, State, Zip Code: River Vale, NJ, 07675

Billing Contact: Cathy Burke

Billing Email: CBorke@TPCNetworks.com

Billing Phone: 201-573-0628 Billing Fax: 201-5730-740

Date:October 25, 2004

Name: Kevin Burke

Customer Signature: _

Clobal NAPs Confidential

191 Ma

EXHIBIT 6

Case 1:08-cv-03829-JSR

Document 22-7

Filed 09/03/2008

Page 2 of 20

POINT Kihm Schroeder Vice President Operations

PointOne 6500 River Place Blvd. Building: 2 Suite: 200 Austin, TX 78730

August 1, 2008

Dave/Brad.

Per your request enclosed is a description of some of the products and services we provide.

PointOne is an Enhanced Service Provider (ESP) serving the VoIP communications industry. We operate a significant North American IP network that is 100% VOIP with no legacy components whatsoever. PointOne purchases communications services from GNAP in order to process these enhanced voice calls.

Nomadic VoIP is one type of IP traffic that traverses the PointOne Network. Nomadic VoIP enables users to take their VoIP gear with them as they travel, and access PointOne's services via a broadband Internet connection anywhere in the world.

Sincerely Kihm Schroeder

GLOBAL NAPS, INC. TELEPHONE SWITCH SERVICE AGREEMENT

Global NAPs, INC. ("GLOBAL") and _UniPoint Services, Inc._____ ("CLIENT"). an Enhanced Service Provider hereby agree, subject to the Global General Terms and Conditions, which are incorporated herein by reference, that GLOBAL shall provide to CLIENT the following service as set out below:

1. <u>Description of Service</u>: GLOBAL shall provide CLIENT with telephone service as may be more particularly described as follows:

During the Term of this Agreement. CLIENT shall request Local Origination Service and Local Termination Service to be provided hereunder by submitting such requests to Service Provider from time to time. on the Service Provider service order form(s) ("Service Order").

Service Provider will provide Local Origination Services to any users making a call to a DiD Number in order to directly access Service Provider's switch located in a Serviceable Rate Centers.

Service Provider will provide Local Termination Services to any end user served within the Serviceable Rate Centers.

- 2. <u>Start Date</u>: Per Customer Order
- 3. <u>Compensation</u>

Compensation for these services shall consist of Monthly recurring charges (MRC). The Monthly recurring charge (MRC) will be paid by the 1st of each month. Payments will be based on the schedule attached hereto and the services ordered. GLOBAL will be responsible for blocking any "off-net" calls, which are outside of GLOBAL's "on-net" footprint, and CLIENT will be not be responsible for paying any additional charges for such calls.

4. Payment

4.1 CLIENT shall pay GLOBAL the set up fee and the first monthly trunk charge prior to the turnup of any service or providing service. Subsequent monthly trunk charges will be billed in advance of the month to which they apply. GLOBAL shall invoice CLIENT for outbound service, and these invoices shall be paid within Thirty (30) days following the date of CLIENT's invoice. CLIENT payments to GLOBAL shall be made without set off.



- Amy charges not paid when due, shall be subject to late charges at one and 4.2 wae-half percent (1 1/2%) per month.
- CALOBAL may terminate this Agreement if any charge is not paid in full prior to 4.3 due date. In such event, CLIENT shall be responsible for all unpaid charges plus and of Global costs and expenses associated with the collection of said unpaid charges (including attorneys' fees).
- War disputed invoices, requests for billing adjustments together with all supporting 4.4 Excumentation must be received by GNAPS within sixty (60) days from the date with the invoice in dispute or the right to a billing adjustment will be waived. All which requests must be in writing and must clearly identify the amount in dispute and the specific items in dispute. Requests for billing adjustments that do not wide adequate information for analysis by GNAPS, as determined in GNAPS's sole discretion, will be rejected and any outstanding amounts will be due amording to the invoice which was the subject of the request. In the event of a billing dispute, Customer must timely pay any undisputed amounts.
- less the GNAPS network is not available to the client for more than 45 consecutive 4.5 minutes in a given day, that day shall be considered "Downtime". Client downtime caused by direct action or inaction on the part of GNAPS, and being wholly under the control of GNAPS, will be credited to the client. For the purpose of credit calculation, each day of downtime shall be assessed the dollar value of 1/30th of the discounted rate, as listed in the Order form. If Downtime occurs on more than 4 days in a period of 90 consecutive days, Client may at its sole discretion, terminate any or all agreements with GNAPS without penalty.

If any LATA served by the GNAPS network is not available to the client for more Bian 45 consecutive minutes in a given day (not including scheduled maxintenance), that day shall be considered "Limited Downtime". If Limited Bowntime occurs on more than 4 days any 90-day period, Client may at its sole discretion terminate any or all agreements with GNAPS without penalty.

Certain Federal, State and Local Taxes 5.

Any state or local excise, sales, or use taxes (excluding any taxes on income) 5.1 resulting from the performance of this Agreement shall be borne by the Party upon which the obligation for payment is imposed under applicable law even if the obligation to collect and remit such taxes is placed upon the other Party. Each Party shall be responsible for filing all returns for federal, state or local sales, use, excise, governmental, or other taxes or tax-like fees imposed on or with respect to its services.

To the extent permitted by applicable law, the Party obligated to pay such taxes 5.2 may contest the same in good faith and shall be entitled to the benefit of any refund, provided that such Party cannot permit any lien to exist on any assets of the other Party by reason of any such contest.

CONTINUAL

WITNESS our hands and seals this $-\widehat{\S}$	i. day of	Delice	
		NAPs. Inc. ("GL	OBAL")
	By:	(Signature)	
		(Name)	
		(Title)	and the second s

("CLIENT") UniPoint Services, Inc.

Company 6500 River Place Blvd

Address Bldg 2, Suite 200

City, State Zip Austin, Texus 78730

Name Mike Holloway

Phone 512-735-1200

Fax 512-735-1210

By:



GENERAL TERMS AND CONDITIONS

The following General Terms and Conditions are incorporated into the agreements between Global NAPs, INC., Global NAPs Realty, INC. and/or Global NAPs Networks, Inc. (each hereinafter referred to as ("GLOBAL") and _UniPoint Services. Inc._____("CLIENT").

1. Term and Termination

- 1.1 The initial term of this Agreement is one year, and each Customer Order, is 6 months. Thereafter, this Agreement will be automatically renewed for consecutive one (1) year periods unless either party provides the other party with written notification, at least sixty (60) days prior to the expiration of the then current term of this Agreement, of its intention not to renew this Agreement. Customer orders will become month to month with a 30 day notice to cancel at the end of the six month term. If substantially all of the assets of either Party are sold the buyer may, upon Nine (9) months written notice, terminate this contract.
- 1.2 Except as otherwise provided for herein, in the event that either Party commits a material breach of this Agreement, and fails to cure such breach within Thirty (30) days after written notice of such breach from the nonbreaching Party, the non-breaching Party may terminate this Agreement.
- 1.3 Neither Party shall be relieved of its respective obligations arising prior to the termination of this Agreement.
- Notwithstanding anything to the contrary contained herein the service term for the initial service order is 90 days as a trial service. At the end of the 90 day trial service term, the service can be disconnected with no penalty to customer with 5 days written notice to Global NAPs.
- 2. <u>Severability</u>

In the event that any one or more of the provisions contained herein shall for any reason be held to be unenforceable in any respect under the laws of the jurisdiction governing the entire Agreement, such unenforceability shall not affect any other provision of this Agreement, but this Agreement shall be construed as if such unenforceable provision or provisions had never been contained herein.

- 3. <u>Amendments: Waivers</u>
- 3.1 Except as otherwise provided herein, this Agreement may be amended only by

Filed 09/03/2008

written Agreement signed by authorized representatives of both Parties.

No waiver of any provisions of this Agreement and no consent to any default 3.2 under this Agreement shall be effective unless the same shall be in writing and signed by or on behalf of the Party against whom such waiver or consent is claimed. No course of dealing or failure of any Party to enforce any term, right or condition of this Agreement shall be construed as a waiver of such term, right or condition.

Independent Contractors 4

Each Party shall perform its obligations hereunder as an independent contractor and not as the agent, employee or servant of the other Party, and neither Party nor any person furnished by such Party shall be deemed employees, agents or servants of the other Party or entitled to any benefits available under the plans for such other Party's employees.

5. No Exclusivity

Nothing herein shall be construed to prohibit either Party from entering into similar arrangements with any third Party, or to use its own assets and personnel for any legitimate business purpose.

Force Majeure 6.

Neither Party shall be held liable for any delay or failure in performance of any part of this Agreement from any force majeure condition, including acts of God. acts of civil or military authority, government regulations, embargoes, epidemics. war, terrorist acts, riots, insurrections, fires, explosions, earthquakes, nuclear accidents. floods, strikes, power blackouts, unusually severe weather conditions, inability to secure products or services of other persons or transportation facilities, acts of Global suppliers, acts or omissions of transportation common carriers, or other causes beyond their reasonable control whether or not similar to the foregoing conditions.

7 Warranty

GLOBAL warrants that it has as of the Effective Date hereof, the right to provide the Service to CLIENT. GLOBAL makes no other warranties with respect to its provision of the Service under this Agreement, either express or implied. GLOBAL AND ITS SUPPLIERS EXPRESSLY DISCLAIM ALL IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY OR



FITNESS FOR A PARTICULAR PURPOSE.

8. Liabilities

GLOBAL SHALL NOT BE LIABLE FOR ANY LOSS OR DAMAGE INCURRED BY REASON OF OR INCIDENTAL TO GLOBAL'S PROVISION OF SERVICE UNDER THIS AGREEMENT AND SUCH LIMITATION OF DAMAGES BY GLOBAL SHALL INCLUDE, BUT NOT BE LIMITED TO, AMOUNTS FOR DIRECT. INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND WHATSOEVER, INCLUDING LOST REVENUE OR LOST PROFITS, EVEN IF ADVISED OF THE POSSIBILITY THEREOF, WHETHER SUCH DAMAGES ARISE OUT OF BREACH OF CONTRACT, BREACH OF WARRANTY, NEGLIGENCE, STRICT LIABILITY OR ANY OTHER THEORY OF LIABILITY AND WHETHER SUCH DAMAGES WERE FORESEEABLE OR NOT AT THE TIME THIS AGREEMENT WAS EXECUTED.

THE PARTIES ACKNOWLEDGE THAT CLIENT IS AN ENHANCED SERVICE PROVIDER AND IS PROVIDING VOIP SERVICES. GLOBAL SHALL BE UNDER NO OBLIGATION TO DEFEND OR INDEMNIFYCLIENT FOR CLAIMS BY THIRD PARTIES ARISING FROM THE PROVISION OF VOIP SERVICES. GLOBAL MAKES NO REPRESENTATION TO CLIENT REGARDING VOIP SERVICES.

9. <u>Indemnification</u>

To the extent not prohibited by law, and except as otherwise provided herein, the Parties shall indemnify, defend and hold each other and their suppliers harmless from and against any loss, cost, claim, injury or liability brought by a person not a party or an affiliate under this Agreement that relates to or arises out of their own acts or omissions or the acts or omissions of their employees, agents or contractors in the use of the Service under this Agreement, whether negligent or otherwise. The Parties shall notify each other of any claims as soon as practicable, and reasonably cooperate with each other in the defense of any claims.

10. Governing Law

This Agreement shall be deemed to be a contract made in the State of Massachusetts, and the construction, interpretation, and performance of this Agreement shall be governed by the substantive laws of said State. Any action or

Page 10 of 20

proceeding brought by either Party shall be brought only in the courts of the State of Massachusetts, County of Norfolk, and each of the Parties consents to jurisdiction of such courts (and of the appropriate appellate courts) in any such action or proceeding. Process in any action or proceeding referred to in the preceding sentence may be served on either Party anywhere in the world.

Executed in Counterparts 11.

This Agreement may be executed in any number of counterparts, each of which shall be an original; but such counterparts shall together constitute but one and the same document.

12. Headings

The headings and numbering of sections in this Agreement are for convenience only and shall not be construed to define or limit any of the terms herein or affect the meaning or interpretation of this Agreement.

Entire Agreement 13.

This Agreement, including any Attachments, constitutes the entire Agreement between the Parties and supersedes all prior oral or written Agreements, representations, statements, negotiations, understandings, proposals or undertakings with respect to the subject matter hereof.

Notices and Demands 14.

All notices, demands, requests, elections, or other communications herein provided to be given or which may be given by one Party to the other Party shall be made in writing and, except as otherwise provided herein, such notices, demands, requests, elections, or other communications shall be deemed to have been duly given when received. If hand delivered, any such notice, demand, request, election or other communication shall be deemed to have been received on the business day received: if sent by registered or certified mail, return receipt requested, the date of receipt: if sent by overnight courier, the day after delivery to the courier; and if sent by electronic facsimile and followed by an original sent via overnight or first class mail, the date of confirmation of the facsimile: and in all cases shall be addressed as follows:

If to GLOBAL:

William J. Rooney, Jr. General Counsel Global NAPs, Inc. Ten Merrymount Rd. Quincy, MA 02169

If to CLIENT: At the address set forth in the Agreement.

The address to which such notices may be given by either Party may be changed by written notice given by such Party to the other Party pursuant to this Section. All notices sent hereunder, whether by mail, overnight courier, or personal delivery, shall be sent return receipt requested.



Page 12 of 20

Third-Party Beneficiaries 15.

This Agreement shall not provide any person not a Party to this Agreement with any remedy, claim, liability, reimbursement, cause of action or other right in excess of those existing without reference to this Agreement. Either Party may, however, assign this contract to an affiliate, parent or subsidiary upon Seven (7) days written notice.

Delegation and Assignment 16.

- Neither Party may assign, transfer, or sell its rights under this Agreement, or 16.1 delegate its obligations hereunder, without the prior written consent of the other Party which written consent will not be unreasonably withheld. The Parties may, however, assign their rights or delegate their obligations to affiliated corporations, or parent or subsidiary corporations.
- Subject to the above restrictions, the provisions of this Agreement shall be 16.2 binding upon and shall inure to the benefit of the Parties and their permitted assigns and successors.

7 Survival

The provisions contained herein, the provisions contained in the Telephone Switch Service Agreement and the provisions contained in the Collocation Agreement, if any, between the Parties shall survive the termination of said Agreements.

Governmental Compliance 18

Each Party shall perform this Agreement in compliance with all applicable 18.1 federal, state, county, and local laws, regulations, government agency orders or decisions and codes, and shall obtain permits and certificates where needed. In the event that such permits or certificates cannot be obtained, or in the event that legislative, regulatory, other legal action or changes in laws invalidate a material term(s) of this Agreement or adversely affects a Party's ability to perform a material term(s) of this Agreement, the Parties shall attempt to renegotiate a new term(s) as may be required to allow this Agreement to continue. In the event that such new term(s) cannot be renegotiated, and the ability of one or both Parties to perform this Agreement has been materially adversely affected, then, the adversely affected Party shall have the right to terminate this agreement upon Thirty (30) days notice.



All obligations under this Agreement shall be performed in compliance with those 18.2 statutes, government agency orders, and regulations prohibiting discrimination against any employee or applicant for employment because of race, color, religion. sex, national origin, age, or handicap. Where required by law, certificates of compliance shall be provided.

Confidentiality 19.

The Parties covenant and agree that they will not either during the term of this agreement, or at any time thereafter, disclose to anyone any confidential information concerning each other business or affairs. Information shall be considered confidential only if it is clearly marked as confidential or designated in writing as confidential before being provided to the other Party.

**	~

WITNESS our hands and seals this	The day of Miller	. 2013.
	Global Naps, Inc.	("GLOBAL")
	By: (Signatur	The state of the s
	(Name)	

("CLIENT") UniPoint Services, Inc.

Company 6500 River Place Blvd

Address Bldg 2, Suite 200

City, State Zip Austin, Texas 78730

Name Mike Holloway Phone 512-735-1200 Fax 512-735-1210



Schedule A Service Order Form for Origination and Termination Services

Date: 10/7/03

Customer: UniPoint Services, Inc.

Start Date: Per customer acceptance of DS3

Circuit Type and Associated Charges

Bandwidth: DS3 Quantity: 4

Installation Charge: waived

Monthly Flat Rate DS3 Recurring Charge: San

Extended Monthly Recurring Charge: Same

NOTES: The existing DS3 which is currently billed to UniPoint at Same will be repriced at This "repriced" DS3 represents one (1) of the four (4) DS3s identified in this contract Schedule A. This order is the Contract executed between Global and UniPoint on/around 10/8/2003.

CLIENT Billing Information

Company Name: UniPoint Services, Inc. Street Address: 6500 River Place Blvd Suite, Room, Floor: Building 2, Suite 200 City, State, Zip Code: Austin, TX 78730

Billing Contact: Jennifer Martin Billing Email: jmartin@pointone.com

Billing Phone: 512-735-1200 Billing Fax: 512-735-1210

Date:	
1111	

Date: 10/8/03

Name: C4 y Bh., 5
Customer Signature: 1



AMENDMENT No. 1 TO THE TELEPHONE SWITCH SERVICE AGREEMENT EXECUTED BETWEEN GLOBAL NAPS AND UNIPOINT SERVICES, INC.

THIS AMENDMENT No. I to THE TELEPHONE SWITCH SERVICE EXECUTED BETWEEN GLOBAL NAPS AND UNIPOINT AGREEMENT SERVICES, INC. is made this 1st day of September, 2007 ("Effective Date") by and between UNIPOINT SERVICE, INC. ("UNIPOINT"), a Texas_ corporation, and Global NAPs Networks ("Global NAPs"), a Delaware corporation. Unipoint and Global NAPs Networks being collectively referred to herein as the "Party" or "Parties". All defined or capitalized terms used herein shall have the same meanings ascribed to them in the Agreement, unless specifically otherwise provided in this Amendment No. 1.

RECITALS

WHEREAS, Global NAPs and Unipoint have executed a Telephone Switch Service Agreement dated October 8, 2003 ("Agreement");

WHEREAS, Unipoint and its Affiliates shall have the right to order Services hereunder:

WHEREAS, Global NAPs and Unipoint desire to modify the Agreement in accordance with this Amendment No. 1 and the terms and conditions of the Agreement are hereby incorporated by reference, except to the extent superseded by this Amendment No. I.

NOW THEREFORE, in consideration of the mutual promises and covenants contained herein, the parties agree as follows:

TELEPHONE SWITCH SERVICE AGREEMENT

SECTION 4: PAYMENT

Section 4.5: The following language shall be added:

- 4.5 The 90 day period will begin as of the effective date of the Amendment No. 1.
- 4.6 The Global California network will be considered its own network for the purposes of this agreement and this Section 4.5. The Products that PointOne has purchased in the "California Network" are identified in Section 1.2 of Schedule A. Example: if "downtime" occurs in the Global network in California, PointOne may terminate the services that it purchases for the California coverage area without penalty. PointOne may not, however, disconnect any of the East Coast services, identified in Section 1.1



of Schedule A, as a result of "downtime" experienced in the Global California Network. The California Network is defined as LATAs 720 and 722.

GENERAL TERMS AND CONDITIONS

SECTION 1 TERM AND TERMINATION

Section 1.1: Existing language shall be deleted in its entirety and replaced with the following language:

The term of this Agreement, and the Customer Products with their associated Monthly Charges, identified in Schedule A, shall be for an initial term of one hundred and eighty (180) days from the Effective Date of this Amendment No.1. After the initial one hundred and eighty (180) day term, this Agreement shall automatically renew in successive rolling ninety calendar day periods, under the same terms and conditions hereunder, unless terminated by written notice by one of the Parties. If substantially all of the assets of either Party are sold the buyer may, upon Nine (9) months written notice, terminate this contract.

If either party chooses to terminate any or all services being provided or purchased, proper notification must be sent to the other party. If either party chooses to terminate any or all services being provided or purchased, a ninety (90) day notice would have to be given to the other party. All services and billings for discontinued services will be terminated at the end of the ninety (90) day notice period. All services and billings not affected by the notice period, will continue on the terms and conditions hereunder.

EXAMPLE: If notice is sent on August 15, 2008, the "change" identified in the proper notification will take effect 90 days later, on November 14, 2008. If notice is sent on August 16, 2008, the "change" identified in the proper notification will take effect 90 days later, on November 15, 2008. If notice is sent on August 17, 2008, the "change" identified in the proper notification will take effect 90 days later, on November 16, 2008.

Section 1.4; All language shall be deleted in its entirety.

SECTION 14 NOTICES AND DEMANDS Section 14: The following language shall be added:

> Giobal NAPs -CONFIDENTIAL 09/04/07

M

If to GLOBAL:

Brad Masuret Global NAPs 10 Merrymount Road Quincy MA 02169

Dave Shaw Global NAPs 10 Merrymount Road Quincy MA 02169

If to UNIPOINT: Michael Holloway 6500 River Place Blvd Building 2 Ste 200 Austin, TX 78730

Sam Shiffman 6500 River Place Blvd Building 2 Ste 200 Austin, TX 78730

Ellery Lovelady 6500 River Place Blvd Building 2 Ste 200 Austin, TX 78730

SCHEDULE "A" SERVICE ORDER FORM AND ORIGINATION AND TERMINATION SERVICES

SCHEDULE A: All language shall be deleted in its entirety and replaced with the following:

11

Filed 09/03/2008

Section 1.1: The following table represents the Unipoint Product IDs and the associated Monthly Recurring Costs that are to be governed by the language in the Telephone Switch Service Agreement dated October 8, 2003 ("Agreement"); and This AMENDMENT No. 1 to The Telephone Switch Service Agreement Executed between GLOBAL NAPs AND UNIPOINT SERVICES, INC. effective this 1st day of September , 2007. Pricing shall remain in effect for the term of this Amendment No.1.

UNPOINT PRODUCT ID	MONTHLY RECURRING COST
ATL05	97
ATL06	S after 9/30/07(Sull puntil 9/30/07)
ATL07	53,000
RESVZ	
RES03	
RES04	
RESOS RESOS	3 11 2011
RES07	S. P. Branke
RESUS	STUBIL
RESU9	
NYC01	Sent Dafter 10/14/07(S) until 10/14/07)

Section 1.2:

The following UNIPOINT Product IDs are considerd an exception to the terms and conditions outlined in section 1.1. These Product IDs are covered under a 30 day term with a 30 day advance notice to disconnect.

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Section 1.3: UNPOINT may request additional services from Global. Those additional services will be governed by the same term and conditions contained in the Telephone Switch Service Agreement dated October 8, 2003 ("Agreement"); and This AMENDMENT No. 1 to The Telephone Switch Service Agreement Executed between GLOBAL NAPs AND UNIPOINT SERVICES, INC. is made effective 1st day of August, 2007 UNLESS otherwise noted on the Global NAPs Service Order Form.



IN WITNESSS WHEREOF, the Parties have executed this Amendment No. 1 on the date written below.

Unipoint Services, Inc.

Global NAPs Networks

EXHIBIT 7

sent By: HP LaserJet 3100;

6175075201;

Dec-4-06 4:37PM;

Page 2

ient By: A.B.S.;

9544578802;

Mar-11-04 12:20PM:

Page 10/12

GLOBAL NAPS, INC. TELEPHONE SWITCH SERVICE AGREEMENT

Global NAPs, INC. ("GLOBAL") and <u>NTERA</u> ("CLIENT"), an Enhanced Service Provider hereby agree, subject to the Global General Terms and Conditions, which are incorporated herein by reference, that GLOBAL shall provide to CLIENT the following service as set out below:

1. <u>Description of Service</u>: GLOBAL shall provide CLIENT with telephone service as may be more particularly described as follows:

During the Term of this Agreement, CLIENT shall request Local Origination Service and Local Termination Service to be provided hercunder by submitting such requests to Service Provider from time to time, on the Service Provider service order form(s) ("Service Order").

Service Provider will provide Local Origination Services to any users making a call to a DiD Number in order to directly access Service Provider's switch located in a Serviceable Rate Centers.

Service Provider will provide Local Termination Services to any end user served within the Serviceable Rate Conters.

- 2. Start Date: Per Custome: Order
- 3. <u>Compensation</u>

Compensation for these services shall consist of Monthly recurring charges (across the Monthly constant) and the Services ordered monthly. Payments will be based on the schedule attached hereto and the services ordered.

- 4. Payment
 - 4.1 CLIENT shall pay GLOBAL the and the first monthly trunk charge prior to the furnup of any service or providing service. Subsequent monthly trunk charges will be billed in advance of the month to which they apply. GLOBAL shall invoice CLIENT for outbound service, and the undisputed portions of the invoices shall be paid within Thirty (30) days following the date of CLIENT's invoice. CLIENT payments to GLOBAL shall be made.
 - Any undisputed charges not paid when due, shall be subject to late charges at one and one-half percent (1 1/2%) per month.

ent By: HP LaserJet 3100:

6175075201;

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Page 3 Page 11/12

nt By: A.B.S.;

9544578802;

Mar-11-04 12:21PM:

- GLOBAL may terminate this Agreement if any charge is not paid in full prior to 43 due date. In such event, CLIENT shall be responsible for all unpaid charges plus all of Global costs and expenses associated with the collection of said unpaid charges (including attorneys' feas).
- For disputed invoices, requests for billing adjustments together with all supporting 44 documentation must be received by GNAPS within sixty (60) days from the date of the invoice in dispute or the right to a billing adjustment will be waived. All such requests must be in writing and must clearly identify the amount in dispute and the specific items in dispute. In the event of a billing dispute, Customer must timely pay any undisputed amounts.

If the GNAPS network is not available to the client for more than 45 consecutive minutes in a given day, that day shall be considered "Downtime". Client downtime caused by direct action or inaction on the purt of GNAPS, and being wholly under the control of GNAPS, will be credited to the client. For the purpose of credit calculation, each day of downtime shall be assessed the dollar value of 1/30th of the discounted rate, as listed in the Order form.

5. Certain Federal, State and Local Taxes

- Any state or local excise, sales, or use taxes (excluding any taxes on income) 5.1 resulting from the performance of this Agreement shall be borne by the Party upon which the obligation for payment is imposed under applicable law even if the obligation to collect and remit such taxes is placed upon the other Party. Each Party shall be responsible for filing all returns for federal, state or local sales, use. excise, governmental, or other taxes or tax-like fees imposed on or with respect to its services.
- To the extent permitted by applicable law, the Party obligated to pay such taxes 5.2 may contest the same in good faith and shall be entitled to the benefit of any refund, provided that such Party cannot pennit any lich to exist on any assets of the other Party by reason of any such contest.

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Page 12/12

WITNESS our hands and seals this	day of		
	Globa	NAPs, Inc. ("GLOBA	W ")
	By	(Signature)	And the second s
		(Namé)	And the second s
		(Title)	gigging thing time to the common of the giggins to the term on the second of

("CLIENT")

Company Address

City, State Zip

Name

Phone

Fax

By:

Sent By: HP LaserJet 3:00:

8175075201:

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Page 5

lent By: A.B.S.;

9544578802;

Page 2

Mar-11-04 12:18PM:



condition.

4 Indenendent Contractors

Each Party shall perform its obligations hereunder as an independent contractor and not as the agent, employee or servant of the other Party, and neither Party nor any person furnished by such Party shall be deemed employees, agents or servants of the other Party or emitted to any benefits available under the plans for such other Party's employees.

5. No Exclusivity

Nothing herein shall be construed to prohibit either Party from entering into similar arrangements with any third Party, or to use its own assets and personnel for any legitimate business purpose.

Force Majeure 6.

Neither Party shall be held liable for any delay or failure in performance of any part of this Agreement from any force majeure condition, including acts of God, acts of civil or military authority, government regulations, embargoes, epidemics, war, terrorist acts, riots, insurrections, fires, explosions, earthquakes, nuclear. accidents, floods, strikes, power blackouts, unusually severe weather conditions, inability to secure products or services of other persons or transportation facilities, acis of Global suppliers, acis or omissions of transportation common carriers, or other causes beyond their reasonable control whether or not similar to the foregoing conditions.

7. Warranty

GLOBAL warrants that it has as of the Effective Date hercof, the right to provide the Service to CLIENT. GLOBAL makes no other warranties with respect to its provision of the Service under this Agreement, either express or implied. GLOBAL AND ITS SUPPLIERS EXPRESSLY DISCLAIM ALL IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

Liabilities 8.

GLOBAL SHALL NOT BE LIABLE FOR ANY LOSS OR DAMAGE INCURRED BY REASON OF OR INCIDENTAL TO GLOBAL'S PROVISION Case 1:08-cv-03829-JSR Document 22-8 Filed 09/03/2008

ient By: HP LaserJet 3100;

6175075201;

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Page 6

int By: A.B.S.;

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Mar-11-04 12:19PW;

Page 3

Page 6 of 12

CONFORMAL

OF SERVICE UNDER THIS AGREEMENT AND SUCH LIMITATION OF DAMAGES BY GLOBAL SHALL INCLUDE, BUT NOT BE LIMITED TO, AMOUNTS FOR DIRECT, INDIRECT. SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND WHATSOEVER, INCLUDING LOST REVENUE OR LOST PROPITS, EVEN IF ADVISED OF THE POSSIBILITY THEREOF, WHETHER SUCH DAMAGES ARISE OUT OF BREACH OF CONTRACT, BREACH OF WARRANTY, NEGLIGENCE, STRICT LIABILITY OR ANY OTHER THEORY OF LIABILITY AND WHETHER SUCH DAMAGES WERE FORESEEABLE OR NOT AT THE TIME THIS AGREEMENT WAS EXECUTED.

THE PARTIES ACKNOWLEDGE THAT CLIENT IS AN ENHANCED SERVICE PROVIDER AND MAY BE PROVIDING VOIP SERVICES. GLOBAL SHALL BE UNDER NO OBLIGATION TO DEFEND OR INDEMNIFY CLIENT FOR CLAIMS BY THIRD PARTIES ARISING FROM THE PROVISION OF VOIP SERVICES. GLOBAL MAKES NO REPRESENTATION TO CLIENT REGARDING VOIP SERVICES.

9. Indemnification

To the extent not prohibited by law, and except as otherwise provided herein, the Parties shall indemnify, defend and hold each other and their suppliers harmless from and against any lose, cost, claim, injury or liability brought by a person not a party or an affiliate under this Agreement that relates to or arises out of their own acts or omissions or the acts or omissions of their employees, agents or contractors in the use of the Service under this Agreement, whether negligent or otherwise. The Parties shall notify each other of any claims as soon as practicable, and reasonably cooperate with each other in the defense of any claims.

10. Governing Law

This Agreement shall be deemed to be a contract made in the State of Massachusetts, and the construction, interpretation, and performance of this Agreement shall be governed by the substantive laws of said State. Any action or proceeding brought by either Party shall be brought only in the courts of the State of Massachusetts, County of Norfolk, and each of the Parties consents to jurisdiction of such courts (and of the appropriate appellate courts) in any such action or proceeding. Process in any action or proceeding referred to in the proceeding sentence may be served on either Party unywhere in the world.

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Page 7/12

int By: A.B.S.;

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Page 4

11. Executed in Counterparts

This Agreement may be executed in any number of counterparts, each of which shall be an original; but such counterparts shall together constitute but one and the same document.

12. Headings

The headings and numbering of sections in this Agreement are for convenience only and shall not be construed to define or limit any of the terms herein or affect the meaning or interpretation of this Agreement.

13. Entire Agreement

This Agreement, including any Attachments, constitutes the entire Agreement between the Parties and supersedes all prior oral or written Agreements, representations, statements, negotiations, understandings, proposals or undertakings with respect to the subject matter hereof.

14. Notices and Demands

All notices, demands, requests, elections, or other communications herein provided to be given or which may be given by one Party to the other Party shall be made in writing and, except as otherwise provided herein, such notices, demands, requests, elections, or other communications shall be deemed to have been duly given when received. If hand delivered, any such notice, demand, request, election or other communication shall be deemed to have been received on the business day received; if sent by registered or certified mail, return receipt requested, the date of receipt; if sent by overnight courier, the day after delivery to the courier; and if sent by electronic facsimile and followed by an original sent via overnight or first class mail, the date of confirmation of the facsimile; and in all cases shall be addressed as follows:

If to GLOBAL:

William J. Rooney, Jr. General Counsel Global NAPs, Inc. Ten Merrymount Rd. Quincy, MA 02169

sent By: HP LaserJet 3100;

6175075201;

Dec-4-06 4:39PH:

Page 8/12

ent By: A.B.S.;

9544578802;

Mar-11-04 12:19PM;

Page 5

If to CLIENT: At the address set forth in the Agreement.

The address to which such notices may be given by either Party may be changed by written notice given by such Party to the other Party pursuant to this Section. All notices sent hereunder, whether by mail, overnight courier, or personal delivery, shall be sent return receipt requested.

ent By: HP LaserJet 3100;

11 BY: A.B.S.;

6175075201;

Dec-4-06 4:39PM:

Page 9/12

9544578802;

Mar-11.04 12:19PM;

Page 6



15. Third-Party Beneficiaries

This Agreement shall not provide any person not a Party to this Agreement with any remedy, claim, liability, reimbursement, cause of action or other right in excess of those existing without reference to this Agreement, Either Party may, however, assign this contract to an affiliate, parent or subsidiary upon Seven (7) days written notice.

16. Delegation and Assignment

- 16.1 Neither Party may assign, transfer, or sell its rights under this Agreement, or delegate its obligations hereunder, without the prior written consent of the other Party which written consent will not be unreasonably withheld. The Parties may, however, assign their rights or delegate their obligations to affiliated corporations, or parent or subsidiary corporations.
- 16.2 Subject to the above restrictions, the provisions of this Agreement shall be binding upon and shall inure to the benefit of the Parties and their permitted assigns and successors.

17. Survival

The provisions contained herein, the provisions contained in the Telephone Switch Service Agreement and the provisions contained in the Collocation Agreement, if any, between the Parties shall survive the termination of said Agreements.

18 Governmental Compliance

18.1 Each Party shall perform this Agreement in compliance with all applicable federal, state, county, and local laws, regulations, government agency orders or decisions and codes, and shall obtain permits and cortificates where needed. In the event that such permits or certificates cannot be obtained, or in the event that legislative, regulatory, other legal action or changes in laws invalidate a material term(s) of this Agreement or adversely affects a Party's ability to perform a material term(s) of this Agreement, the Parties shall attempt to renegotiate a new term(s) as may be required to allow this Agreement to continue. In the event that such new term(s) cannot be renegotiated, and the ability of one or both Parties to perform this Agreement has been materially adversely affected, then, the adversely affected Party shall have the right to terminate this agreement upon Thirty (30) days notice.

Case 1:08-cv-03829-JSR

Document 22-8

Filed 09/03/2008

Page 10 of 12

Sent By: HP LaserJet 3100:

6175075201;

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ent By: A.B.S.;

9544578802;

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Page 7/12

All obligations under this Agreement shall be performed in compliance with those statutes, government agency orders, and regulations prohibiting discrimination against any employee or applicant for employment because of race, color, religion, sex, national origin, age, or handicap. Where required by law, certificates of compliance shall be provided.

19. Confidentiality

The Parties covenant and agree that they will not either during the term of this agreement, or at any time thereafter, disclose to anyone any confidential information concerning each other business or affairs, information shall be considered confidential only if it is clearly marked as confidential or designated in writing as confidential before being provided to the other Party.

Filed 09/03/2008 Page 11 of 12

ient By: HP LaserJet 3100;

6175075201;

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int By: A.B.S.;

9544575802;

Mar-11-04 12:20PM;

Page 8/12

WITNESS our hands and seals this	day of		,20
	Giobai	Naps, Inc. ("GLC	BAL")
	10,7%	(Signature)	and the state of t
		(Name)	in the state of th

("CLIENT")

Company

Address

City, State Zip

Name

Phone

Fax By:

ot.AvijHPAPESSIATei Moo;

Sent By: A.B.S.;

6175075201:

9544578802;

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Page 12 of 12

Page 12/12 Page 9/12

Schedule A Service Order Form for Origination and Termination Services

Date:

Customer:

Start Date: Per customer acceptance of DS3

Circult Type and Associated Charges

Bandwidth: DS3

Quantity:

Installation Charge:

Monthly Flat Rate DS3 Recurring Charge: \$

Extended Monthly Recurring Charge: \$

NOTES:

CLIENT Billing Information

Company Name:

Street Address:

Suite, Room, Floor:

City, State, Zip Code:

Billing Contact:

Billing Email:

Billing Phone:

Billing Fax:

Dete:	and the second s
Name:	
Customer Stonatures	

EXHIBIT 8

STATE OF NEW YORK PUBLIC SERVICE COMMISSION

At a session of the Public Service Commission held in the City of New York on March 19, 2008

COMMISSIONERS PRESENT:

Garry A. Brown, Chairman Patricia L. Acampora Maureen F. Harris Robert E. Curry, Jr. Cheryl A. Buley

CASE 07-C-0059 - Complaint of TVC Albany, Inc. d/b/a Tech Valley Communications Against Global NAPs, Inc. for Failure to Pay Intrastate Access Charges.

ORDER DIRECTING NEGOTIATION

(Issued and Effective March 20, 2008)

BY THE COMMISSION:

INTRODUCTION

On January 12, 2007, TVC Albany, Inc. d/b/a Tech Valley Communications (TVC) filed a complaint against Global NAPs, Inc. (GNAPs) demanding that GNAPs pay intrastate access charges for termination of toll calls that GNAPs transports for its customers for termination on the TVC facilities-based network. TVC requests that the Commission order GNAPs and any of its affiliates operating in New York to pay all allegedly past due² and future intrastate access charges, with interest, to TVC for termination of these toll calls. If GNAPs fails to pay

TVC claims that toll traffic from GNAPs is delivered to a Verizon New York Inc. (Verizon) tandem and routed by Verizon to the TVC network.

TVC claims \$41,070.78 is due for bills issued from December 15, 2003 through December 15, 2006.

CASE 07-C-0059

intrastate access charges owed, TVC requests that the Commission (1) authorize it to block GNAPs' service and (2) revoke GNAPs' Certificate of Public Convenience and Necessity (CPCN).³

In its response and replies, GNAPs claims that it is not required to pay intrastate access charges to TVC because the calls it routes to TVC's customers are nomadic Voice over Internet Protocol (VoIP) calls. GNAPs asserts these calls are subject to exclusive federal jurisdiction, exempt from state regulation, and under existing Federal Communication Commission (FCC) rules, not subject to imposition of intrastate access charges.

In this Order, we decline to require GNAPs to pay access charges to TVC for termination of calls routed through the TVC network. We conclude that instead, TVC and GNAPs should negotiate a compensation agreement governing the joint rates, terms and conditions for services over their networks. If negotiation fails, then TVC may request that it be relieved of any obligation to complete calls routed to its network from GNAPs' customers.

PETITION

TVC states that, while there are no direct interconnections between GNAPs and TVC, Verizon routes GNAPs traffic to TVC. This arrangement, according to TVC, entitles Verizon and TVC to assess intrastate access charges for the portions of service provided by the two carriers. TVC asserts that its tariff authorizes intrastate access charges for terminating GNAPs' traffic through an intermediate carrier and that any telecommunications company providing service under a

GNAPs is an affiliate of GNAPs Networks, a national carrier operating a national fiber optic backbone network.

Vonage Holding Corporation Petition for Declaratory Ruling
Concerning an Order of the Minnesota Public Utilities
Commission, 19 F.C.C. 22404 (2004) (Minnesota/Vonage Order).

CASE 07-C-0059

CPCN is required to comply with the terms of that tariff. TVC further argues that its termination of toll calls provides a direct economic benefit to GNAPs by making collection of toll revenues from GNAPs' customers possible. TVC therefore asserts that GNAPs failure to pay for services unjustly enriches GNAPs at TVC's expense. TVC maintains that GNAPs' failure to pay intrastate access charges constitutes an unjust and unreasonable practice and a willful violation of Public Service Law (PSL) §91 and §201 of the Act (although it offers no specific rationale under §201). TVC argues that the Commission has jurisdiction to order payment of intrastate access charges in this case, because TVC's intrastate tariff controls.

ANSWER AND REPLIES

On February 8, 2007, GNAPs filed an Answer to TVC's Complaint. On March 1, 2007, TVC filed a Reply to GNAP's Answer; and, on March 7, 2007, GNAPs filed a Reply to TVC's Reply. On April 6, 2007, TVC submitted a letter to the Secretary to the Commission presenting further arguments; and, GNAPs, on April 10, 2007, submitted a letter to the Secretary to the Commission, replying to some of the points raised in the TVC letter.

FCC Jurisdiction and Preemption of State Regulation

GNAPs argues that VoIP services are interstate and not subject to intrastate access charges based on the FCC's determinations that VoIP traffic is jurisdictionally interstate, preempting state jurisdiction over VoIP services. ⁵ Because VoIP services are interstate and not subject to intrastate tariffs or

In its letter to the Secretary, GNAPs discusses the Eighth Circuit's Vonage decision), affirming the FCC's Minnesota/Vonage Order, Minnesota Public Utilities Commission v. Federal Communications, 483 F.3d 570 (2007) (Eighth Circuit decision).

CASE 07-C-0059

to state regulation, GNAPs concludes that intrastate charges may not be imposed. 6

TVC asserts that the FCC determination regarding VoIP services and related judicial decisions do not resolve issues relating to imposition of intrastate charges for VoIP traffic and that prior determinations deal solely with general state requirements for certification, filing of tariffs, and provision of 911 emergency services. TVC further argues that the basis of the FCC's decision to preempt state regulation over VoIP services was based on an acknowledgment that transmission of VoIP service over the Internet precludes any practical method of identifying or separating the interstate and intrastate components of the service for purposes of establishing a dual federal/state regulatory scheme. TVC goes on to assert that this basis adopted by the FCC (i.e., impossibility of identifying and separating interstate and intrastate traffic) is weakened by a subsequent determination, in which the FCC authorizes VoIP providers, if possible, to calculate contributions to the Universal Service Fund (USF) based on the actual percentage of interstate and intrastate revenues, as indicated by traffic studies or actual measurements. The FCC recognized that a VoIP provider with the capability to track

⁶ In its letter to the Secretary, GNAPs states that the Eighth Circuit Vonage Decision made clear that the FCC determined that VoIP is jurisdictionally interstate, subject to the FCC's exclusive jurisdiction, and that the FCC preempted state regulation for a number of reasons, including the possibility that state policies may conflict with federal policies.

WC Docket 06-122, <u>Universal Service Contribution Methodology</u>, <u>et al.</u>, Report and Order and Notice of Proposed Rulemaking, 21 F.C.C. 7518 (2006) (Universal Service Contribution Order).

customer calls could become subject to state regulation.⁸ TVC maintains that based on the FCC's recognition that VoIP traffic can be distinguished as interstate or intrastate, the Commission is not foreclosed from requiring GNAPs to pay TVC's switched access charges.

In reply, GNAPs asserts that TVC only partially describes the basis for the FCC's preemption of state regulation over VoIP service. It adds that the FCC also decided that, Vonage's service is too "multi-faceted" to rely on a user's location for establishing state or federal jurisdiction. GNAPs states that, although the FCC's Universal Service Order may, as TVC claims, call into question the FCC's justification for asserting exclusive jurisdiction over VoIP traffic, the FCC has not changed its decision regarding VoIP service jurisdiction and, thus, TVC has no legal basis for ignoring the preemption ruling.

Applicability of Intrastate Tariff

GNAPs states that TVC's intrastate access tariff does not apply to interstate services because: (1) the tariff does not explicitly state that it imposes intrastate access charges on interstate services or refer to VoIP services, (2) TVC and GNAPs have not agreed to apply the intrastate tariff to GNAPs services, and (3) the FCC has not specifically authorized imposition of access charges for VoIP traffic and this issue is within the exclusive jurisdiction of the FCC and the subject of a pending FCC rulemaking.

In its Letter to the Secretary, TVC states that the Eighth Circuit decision supported this argument: "the FCC recognized the potentially limited temporal scope of its pre-emption of state regulation in this area in the event technology is developed to identify the geographic location of nomadic VOIP communications."

In its response, TVC noted GNAPs' statement that if a contractual agreement exists between the two carriers or if an applicable tariff imposes charges then an intermediate carrier may be liable for charges to a terminating carrier. TVC states that GNAPs' use of the TVC network and constructive ordering of access services did constitute an agreement between the carriers. Therefore, according to TVC, this agreement supersedes any requirement that its access tariff specifically state it applies to VoIP traffic, because its terms refer to provision of a two-point communications path between a customer designated premises and an end user's premises, and, thus, apply broadly to non-local traffic delivered for termination. §

In its reply, GNAPs contests TVC's claim that its tariff is broadly written to apply to any non-local traffic. GNAPs claims that TVC's tariff is limited to non-local intrastate traffic and the tariff does not apply to GNAPs' VoIP traffic because the FCC has ruled that VoIP traffic is jurisdictionally interstate. GNAPs further maintains that customers lack notice that termination of VoIP traffic is subject to access charges, that TVC provided no notice to its customers that it would impose access charges on VoIP traffic, and that no order of any agency calls into question the exclusive federal jurisdiction over VoIP traffic to permit these charges. GNAPs concludes that TVC's tariff does not refer to VoIP service, that the FCC decided that VoIP service is jurisdictionally interstate, and that, under the filed rate doctrine, TVC may not charge rates for services not referenced in the tariff.

Commission Authority

GNAPs, referring to the Minnesota/Vonage Order, asserts that the Commission has no jurisdiction to approve

⁹ PSC No. 3- Telephone Access Services Tariff, §1 and §6.1.

intrastate access charges because the FCC precluded state regulation over rates and services for VoIP services. It asserts that the Minnesota/Vonage Order prohibits the Commission from regulating rates and terms applicable to VoIP services.

In reply, TVC states that, as GNAPs acknowledges, since the FCC has not definitely ruled on the issue of imposing intrastate access charges on VoIP traffic, this Commission may resolve the issue, as TVC claims the Commission did in another case. 10

In reply, GNAPs maintains that the FCC asserted exclusive jurisdiction over VoIP services and that this means that this Commission is without authority to resolve issues of compensation that the FCC reserves to itself. It claims that the only exception to this rule is state Commission interpretation of an interconnection agreement entered into pursuant to \$252 of the Act.

Classification of VoIP as a Telecommunications Service

GNAPs asserts that the FCC has not classified VoIP as a telecommunications service or an information service, that the obligation to pay access charges is limited to telecommunications service, and thus, access charges are not applicable to the VoIP services provided by GNAPs.

In its reply, TVC looks at the lack of classification of VoIP services from a different perspective, claiming that, since the FCC did not specifically classify VoIP as an information or telecommunications service, no exemption from intrastate access charges pertains to VoIP.

Case 01-C-1119, <u>Frontier Telephone of Rochester - Intrastate Carrier Access Charges</u>, Order Requiring Payment of Intrastate Carrier Access Charges (issued May 31, 2002).

Enhanced Service Provider Exemption

GNAPs maintains that, unless the FCC rules that VoIP is a telecommunications service, it is not subject to access charges because the traffic falls within the FCC's general exemption from payment of certain access charges established for Enhanced Service Providers (ESP).

In response, TVC argues that the FCC declined to determine the status of Vonage as a telecommunications carrier or an information service provider (ISP) and, in the VoIP Universal Service Contribution Order, determined that providers of VoIP service are providers of interstate telecommunications. TVC further submits that several states have rejected GNAPs' argument that the FCC general exemption of ESPs from payment of interstate access charges applies to VoIP providers. It further argues that GNAPs' ESP exemption argument is without merit because the scope of the FCC exemption applies to ESPbound traffic, which is not the traffic at issue here, and the FCC made no clear statement preempting a state's ability to determine whether intrastate access charges apply to VoIP traffic.

In reply, GNAPs states that TVC's reliance on the California Public Utility Commission's decision is misplaced because that decision interpreted the terms applicable to VoIP traffic established in an interconnection agreement between the parties. GNAPs states that the decision has no relevance to the issues presented in TVC's complaint because the parties have no interconnection agreement to interpret. Further, TVC's tariff, limited to intrastate services, does not apply to jurisdictionally interstate traffic.

E.g., Matter of Cox California Telecom, LLC v. Global Naps California, Inc., Case 06-04-026, Opinion Granting Complainant's Motion for Summary Judgment (issued January 11, 2007).

GNAPs Status as an Intermediate Carrier

GNAPs states that the FCC determined that terminating local exchange carriers, such as TVC, are not permitted to impose access charges on intermediate carriers, such as GNAPs, that do not provide originating end-user dial tone, unless such charges are imposed under a contract or tariff. GNAPs maintains that TVC's tariff does not include specific provisions authorizing recovery of access charges from intermediate carriers and TVC and GNAPs have not entered into any contracts governing interconnection. GNAPs disputes any claim that it is an interexchange carrier, asserting such a carrier now establish a billing relationship with the end-user customer.

In response, TVC rejects GNAPs argument that as an intermediate carrier GNAPs is not subject to the application of certain charges. According to TVC, the case that GNAPs submitted in support of its argument (Iowa Network Services v. Owest, 385 F. Supp. 2d 850 (S.D. Iowa 2005)) related solely to cellular (CMRS) carriers and did not consider an exemption from charges for a carrier transmitting VoIP calls from an ISP to a Competitive Local Exchange Carrier (CLEC). In addition, TVC questions whether GNAPs is, in fact an intermediate carrier. asserts that if Vonage is an ESP as GNAPs claims, GNAPs itself is an originating carrier and should, therefore, be subject to its tariffed access charges since it delivers traffic from Vonage. In reply, GNAPs challenges TVC's analysis of its intermediate carrier issue, stating that the authority that TVC relies upon is unpersuasive because the type of traffic at issue in this proceeding is irrelevant to the court's analysis.

Procedural Requirements

GNAPs submits that the decision to require intermediate carriers to pay access charges is a decision of national significance and affects other similarly situated carriers. It thus argues that the Commission have a generic

proceeding to resolve issues, solicit public participation, assess impact on intermediate carriers' operational and financial planning, evaluate the possibility of discontinuance of service by VoIP providers due to the increased costs, and analyze effects of authorizing access charges on deployment of advanced services. In the alternative, GNAPs suggests that the Commission defer to the FCC for determination on the issue of applicability of access charges to VoIP traffic.

In response, TVC asserts that GNAPs' request for a formal rulemaking is a stalling tactic that would enable the company to continue unjustly enriching itself at the expense of TVC. It also maintains that further information is required for this Commission's determination of jurisdictional issues, including nature of the calls, relationship of GNAPs to Vonage and its customers, routing of the traffic and capability of tracking the originating and terminating points of the calls. TVC proposes that the parties gather more factual evidence through the submission of interrogatories and discovery requests.

In reply, GNAPs proposes that the FCC is the proper forum for a determination on the issues that TVC presents. It recommends that TVC seek a ruling from the FCC that geographically separable traffic is subject to intrastate switched access charges.

Negotiated Settlement

GNAPs states that it will not pay intrastate access charges to terminate traffic that is jurisdictionally interstate. GNAPs goes on to assert that it is prepared to discuss with TVC the costs of originating and terminating traffic between their networks, that TVC's insistence that its tariff alone governs the access charges precludes such

discussions, and that the discussions must include costs of transporting traffic originating from TVC's customers.

BACKGROUND

Preemption of State Rate Regulation over nomadic VoIP Traffic

In 2004, the FCC determined, in part, that nomadic VoIP services 12 provided by Vonage should be deemed exclusively interstate for jurisdictional purposes. 13 The FCC's determination was based, in part, on the jurisdictionally mixed nature of Vonage's service and the impracticality, if not impossibility, 14 of separating intrastate and interstate portions of nomadic VoIP service and also accurately determining geographical locations of the origination and termination points of nomadic VoIP calls. The FCC's determination arguably applies to similar VoIP-to-VoIP, VoIP-to-landline and landline-to-VoIP calls (interconnected VoIP calls) because the VoIP part of the call is not confined to the geographic location associated with the customer's billing address or assigned telephone number. 15

The FCC also determined that compliance with state rate and entry regulations would negate valid federal policies and undermine objectives of promoting continued development of the Internet and encouraging deployment of advanced telecommunications services. The FCC made no determination relating to classification of VoIP services generally as information services, exempt from federal and state regulation,

Nomadic VoIP describes a service used to place a call at any location through a broadband Internet connection.

¹³ See generally, Minnesota/Vonage Order.

¹⁴ 47 U.S.C. §152(b).

[&]quot;The Internet's inherently global and open architecture obviates the need for any correlation between Vonage's DigitalVoice service and its end users' geographic locations" Minnesota/Vonage Order at pp. 23-24.

or as telecommunications services, subject to a broad array of state and federal requirements. 16

In 2007, the Eighth Circuit Court of Appeals upheld the FCC's preemption of state regulation as it applies to nomadic VoIP services. The Court granted deference to the FCC's findings that the difficulty of identifying call points for nomadic VoIP made it impractical, if not impossible, to separate service into intrastate and interstate components. The service into intrastate and interstate components.

To date, the FCC has not determined a specific regulatory classification and compensation scheme for VoIP and there are currently at least three open dockets at the FCC addressing the proper classification of VoIP, whether access charges should apply and whether to forbear from applying the ESP exemption to VoIP originated traffic.

The FCC deferred this decision because regulatory classification of VoIP is the subject of its IP-Enabled Services Proceeding (IP-Enabled Services, WC Docket No. 04-36, Notice of Proposed Rulemaking, 19 F.C.C. Rcd 4863 (2004) (IP-Enabled Services proceeding).

The court noted that there were fundamental differences between Vonage's digital voice service and telephone service provided over the circuit-switched network. Specifically, the court noted that the geographic locations of traditional circuit-switched communications are readily known, while VoIP communications are not tied to identifiable geographic locations. The court further contrasted a distinction between nomadic VoIP and fixed VoIP because the latter communication, while using the same technology, originates and terminates at a fixed location.

The Court decided that the FCC only suggested that it would preempt state regulation of fixed VoIP services and did not actually make a final agency determination. Therefore, VoIP providers who can track the geographic end-points of calls do not qualify for the preemptive effects of the Vonage order.

Minn. Pub. Utility Comm'n v. FCC, 483 F.3d 570 (8th cir. 2007).

DISCUSSION

GNAPs claims that the traffic it sends for termination over the TVC's network is interconnected VoIP. 20 GNAPs further claims that, because interconnected VoIP has not been classified as a telecommunications service or an information service, there is no obligation to pay access charges because that obligation is limited to a telecommunication service. TVC disagrees and suggests that the lack of classification does not preclude the application of intrastate access charges here.

The FCC raised the issue of the classification of interconnected VoIP in 2004 in its IP Enabled Services proceeding. Specifically, the FCC requested comments on "[w]hich classes of IP-enabled services, if any, are 'telecommunications service' [and] ... [w]hich, if any, are 'information services'?"²¹ Although the FCC has applied many other telecommunications regulations to interconnected VoIP services since 2004, it has refrained from classifying VoIP as either a telecommunications service or an information service. For purposes of the dispute at issue in this proceeding, it is not necessary to decide whether interconnected VoIP constitutes a telecommunications service or an information service. Resolution of that issue can await the outcome of the FCC's IP-Enabled Services proceeding.

Classifying interconnected VoIP as either a telecommunications service or in information service will not

Under the circumstances presented in this proceeding, GNAPs, a competitive local exchange carrier (CLEC), transports calls to a Verizon, an incumbent local exchange carrier (ILEC), tandem. Verizon then transports the calls to the TVC, also a CLEC, network. TVC terminates the calls to its end-users through its facilities.

IP-Enabled Services, WC Docket No. 04-36, Notice of Proposed Rulemaking, 19 FCC Rcd. 4863, ¶ 43 (2004)(IP-Enabled Services proceeding).

have any affect on the FCC's subsequent holding that nomadic VoIP is exclusively interstate. In 2004, the FCC declared that, notwithstanding the classification of interconnected VoIP, nomadic VoIP is an interstate service because it would be impractical, if not impossible, to separate interstate and intrastate components of that call.

On November 26, 2007, Department of Public Service Staff (Staff) requested that GNAPs provide evidence to support its claim that the traffic it sends to the TVC network for termination is primarily VoIP, largely for the benefit of Vonage (i.e., nomadic VoIP) customers. GNAPs responded under protective cover dated December 4, 2007. GNAPs provided affidavits from its customers that send traffic to New York representing that the traffic it handles is VoIP, largely for the benefit of Vonage and other similarly situated providers of interconnected VoIP. Staff has advised that it appears from the evidence submitted by GNAPs most, if not all, the traffic GNAPs sends to the TVC network for termination is nomadic VoIP.

The Commission determines here that because the Minnesota/Vonage Order and Eighth Circuit Court of Appeals decision establishes that nomadic VoIP service is interstate, our authority to impose intrastate access rates over nomadic VoIP service is precluded because rate treatment of nomadic VoIP service falls under the exclusive jurisdiction of the FCC.

TVC alternatively requests that the Commission require GNAPs to pay intrastate access charges based on TVC's tariff on file with the Department of Public Service. TVC states that its access tariff need not specifically state that it applies to VoIP traffic, because its terms apply broadly to non-local traffic delivered to it for termination. GNAPs states that the traffic routed to Verizon and onto to the TVC network is primarily, if not exclusively, nomadic VoIP. GNAPs argues that the Minnesota/Vonage Order and Eighth Circuit decision foreclose

this Commission from applying intrastate tariffs on interstate calls.

For reasons stated above, we agree with GNAPs. 22
Because nomadic VoIP is interstate in nature, and because its rates are exclusively under the FCC's jurisdiction, we are similarly precluded from imposing the TVC intrastate access tariff. Under the FCC's decisions, nomadic VoIP is treated as interstate subject to exclusive federal rate jurisdiction.

Applying the TVC intrastate access tariff to an interstate service would be inappropriate and conflict with valid federal laws and policies. 23

Our analysis does not end here, however. Under PSL \$97(3), the Commission has broad authority to require interconnection among telecommunication carriers regardless of the nature of the traffic. That authority is not preempted by federal law. Any telecommunications carrier that delivers traffic over the public switched telephone network (PSTN) for another carrier can reasonably expect to be compensated irrespective of whether the traffic originates on the PSTN, on an IP network, or on a cable network. TVC further asserts that it is unwilling to allow calls to continue to terminate for free because it claims it results in an unjust enrichment for GNAPs and is confiscatory.

As for GNAPs claim that the traffic at issue is subject to the FCC's ESP exemption, the FCC has not yet classified VoIP traffic as telecommunication, information, or enhanced service. We agree with TVC that, until the FCC makes a determination on the classification of VoIP service, the issue remains open and the ESP exemption should not apply.

Applying an intrastate tariff rate to an interstate service could also sidestep the FCC's exclusive jurisdiction over the regulatory classification and intercarrier compensation of nomadic VoIP.

We believe it is important to preserve a fully interconnected telecommunications network. Interconnection is a critical component of growth for facilities-based competition in New York. However, this Commission also has a long history of ensuring that the one carrier's use of another's network is not without reasonable compensation. TVC claims it has a constitutional right to a fair and reasonable return on its network investment. Granting TVC's request to authorize it to block calls routed from GNAPs could potentially compromise this seamless telecommunications network causing a disruption in customer calls. We, therefore, need to balance the importance of a seamless telecommunications network with TVC's expectation that it will be compensated for its use of that network.

Our preferred course of action in the first instance is for GNAPs and TVC to enter into private contract negotiations on the rates, charges, terms and conditions for the exchange of nomadic VoIP traffic. For its part, GNAPs indicates that it is willing to discuss with TVC the costs of originating and terminating traffic on their networks. TVC and GNAPs operate as competitive carriers in the telecommunications markets and are in the best position of determining the market value of the routing services in question, including the termination of calls on TVC's network and the possible origination of calls by TVC customers to the GNAPs' system.

Absent a private contract, the Commission will consider TVC's request to discontinue accepting incoming traffic from GNAPs. Any such consideration will be done in accordance with the Commission's migration guidelines and policies. We do not take lightly a request to discontinue service and will only be considered under extreme circumstances. Should negotiations fail, TVC can renew its request to discontinue service to GNAPs.

Finally, while GNAPs claims that it is not subject to access charges because it is an intermediate carrier, this claim

is moot. We have already decided that we cannot impose intrastate access charges on nomadic VoIP because it is an interstate service. We need not determine the merits of GNAPs claimed exemption under its intermediate carrier status. GNAPs and TVC should enter into private negotiations.²⁴

CONCLUSION

Based on our findings, the Commission concludes that it is without jurisdiction to require GNAPs to pay intrastate access charges to TVC to the limited extent the traffic is nomadic VoIP as defined by the FCC and upheld on deferential grounds by the Eighth Circuit Court of Appeals. Similarly, the TVC intrastate tariff does not apply to nomadic VoIP traffic. Therefore, the parties should work out a traffic exchange agreement establishing rates, charges, terms and conditions for nomadic VoIP traffic.

The Commission orders:

- 1. The complaint of TVC Albany, Inc. d/b/a Tech Valley Communications is denied to the extent it requests authorization to recover intrastate access charges from Global NAPs, Inc. for termination of nomadic VoIP traffic.
- 2. TVC Albany, Inc. d/b/a Tech Valley Communications and Global NAPs, Inc. are directed to negotiate rates, terms, and conditions for the exchange of traffic between them consistent with the discussion in the body of this Order.

See, WC Docket No. 06-55, In the Matter of Time Warner Cable Request for Declaratory Ruling that Competitive Local Exchange Carriers May Obtain Interconnection Under Section 251 of the Telecommunications Act of 1934, as Amended, to provide Wholesale Telecommunication Services to VoIP Providers, Memorandum and Opinion and Order ¶17 (issued March 1, 2007).

CASE 07-C-0059

3. This proceeding is continued.

By the Commission,

(SIGNED)

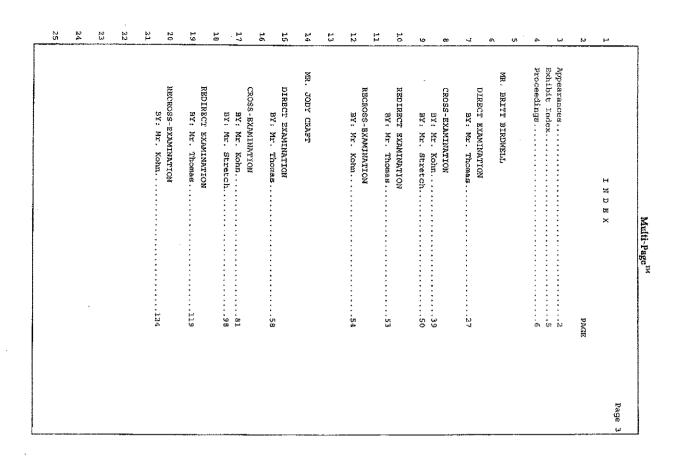
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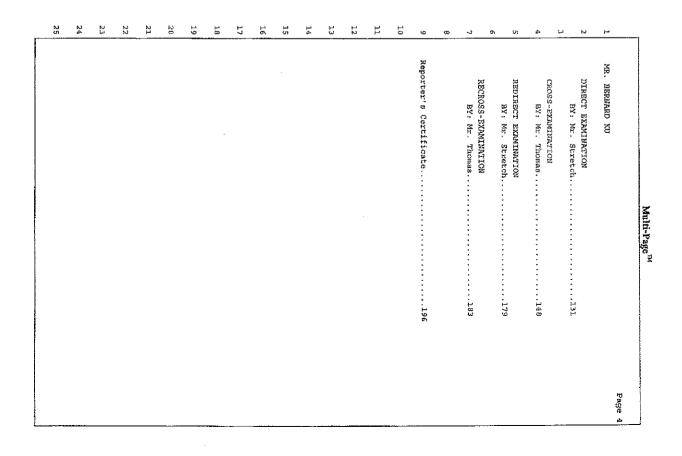
EXHIBIT 9

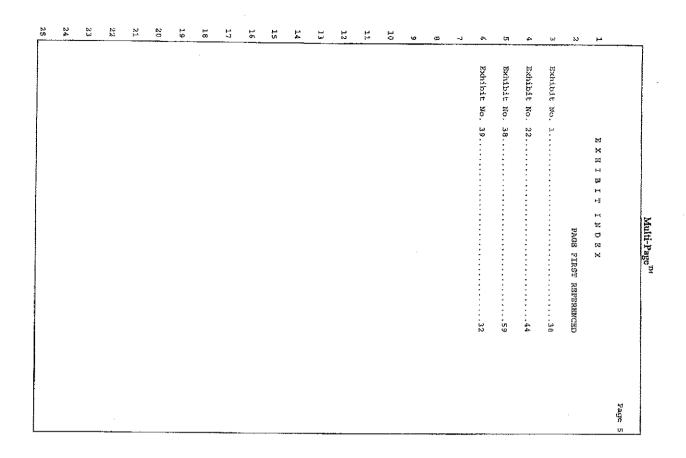
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N A 18 17 5 15 14 Ţ 11 12 10 Chicago, Illinois 60603 By: Wr. Shalom L. Kohn Dallas, Texas 75201 500 N. Akard Washington, D.C. 20036 SIDLEY AUSTIN BROWN & WOOD, LLP Swite 3550 McGUIRE, CRADDOCK & STROTHER, P.C. Dallas, Texas 75201 Suite 3300 1700 Pacific Avenue AMD Suite 400 KELLOGG, HUBER, HANSEN, TODD, EVANS & FIGEL, PLIC 1615 M. Street N.W. 10 South Dearborn Street Bank One Plaza THOMPSON & KNIGHT, LLP By: Mr. J. Mark Chevaller By: Mr. David Bennett
Mr. John Brannon By: Mr. Michael K. Kellogg Mr. Steven Thomas Mr. Colin Stretch Mr. Steven Benz APPEARANCES APPEARING FOR ATET BELL APPEARING FOR THE DESTOR APPEARING FOR SOUTHWESTERN Page







Page 58 1 Mr. Thomas? You may step down, Mr. Eirdwell. 3 There respected that we take a five-minute break. 4 Me'll take a break until just 25 until. DNIDENTIFIED SPEAKER: I'm sorry, When 6 will we be returning? THE COURT: In five minutes. 8 (Recess ensued.) 9 MR. THOMAS: Your Honor, the debtor 11 calls Jody Craft is in the mer'e room. 12 Jody Craft is in the mer'e room. 13 THE COURT: Okay. 14 NR. THOMAS: If you'll give us just one 15 minute. 16 PHE COURT: Sure. 17 MR. THOMAS: We call Jody Craft to the 18 etand. 19 (Witness was sworn by the Court.) 20 THE COURT: You may be seated. 21 MR. JODY CRAFT, 22 DAYING Deen delly sworn, tastified as follows: 22 DIESCY EXAMINATION	Q Mr. Craft, would you state your full name for	25
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Case 1:08-cv-03829-JSR	Document 22-10	Filed 09/03/2008	Page 6 of 41

which is the international enterprise	T-Systems,	24
units, T-Mobil, which is the mobile company,	business u	23
oup's a holding company composed of four	Telecom Group's	22
unit of Deutsche Telecom Group. Deutsch	business u	22
Yeah. It was T-Systems was a wholly-owned	ď ×	20
a division or ""	itself or	19
Is that a was that part of Deutsch Telecom	i)	18
	countries.	17
se billion euro of annual revenue in over 50	about three	<u>م</u> ب
. We comprised about 700 products making	portfolio.	15
years for their international IP development	for two ye	14
There I headed IP product development		13
nications carrier.	telecommunications	22
he Telecom, the German incumbent	of Deutsche	11
stems International which is a business unit	with T-Systems	10
. My latest post prior to today has been	functions,	v
did engineering and product development	where I d	8
engineering. Subsequently, I joined ISPs	did field	7
competitive, local exchange carriers where I	the filrst	ଦ
(phonetic) which is a local exchange carrier, one of	(phonetic	cs.
Force Agency, and my resume went on to MFS	U.S. Air	4
telecommunications for 12 years, started out in the		ů.
Sure. I have been roughly doing	Þ	N
background and experience.	of your	
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being a ILEC or CLEC?	Q Does it have operations and that is SBC	They're the national incumbent in these countries,	A Yes, within Germany and four other countries.	has operations like smc?	Q Okay, And did you say that Deutsch Telecom	A IP product management.	ହ Yes?	A My division?	of this division?	Q speak. And so what was the specific name	A Oh, absolutely. I'm sorry.	before you	to please try to wait until I finish my question	to try to wait until you finish your answer and try	Q Okay. When I as we talk today, I'm going	the global enterprise networking division.	for the IP services portfolio at T-Systems which is	A $ ext{\mathfrak{P}-Systems}$ was the one I was responsible for	Q What specifically were you	Online. It's the second largest ISP in Europe.	residential-based, consumer-based ISP like America	A And then T-Online which is a	Q Okay.	kind of the SBC of Germany?	Page 61

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	Page 52
<u>1-1</u>	A Yes, that's coxrect.
to.	Q And what about any similarities with
نيا	between Deutsche Telecom and the activities of ATET?
42	A Yes. They are an IEC (phonetic) carrier.
U1	They offer the same, similar portfolio to ATGT. The
φı	only thing that's not similar is ATMT had a broadband
7	division that was cable based and Dentsch Telecom
œ	doesn't involve themselves in the cable business.
٠	Q Does Doutsche Telecom have activities in the
10	United States?
بر	A Yes. They have many activities in the United
12	States.
13	Q Does it include activities such as what SBC
4	and ATGT do?
15	A They have no access activities in the United
1.6	States. Obviously, that's the incumbent RVOX, RBOX
17	CLECs. But they do have T-Systems International or
8	T-Systems North America which sells to enterprises in
2.9	the United States, and they have T-Mobil.
20	Q Okay. And would it be fair if I refer to his
21	division that you were dealing with as T-Systems?
<u>ಟ</u> ಟ	A Yes, That would be absolutely correct.
23	Q Okay. Could you explain to the Court what
24	services T-Systems provided to Deutsche Teledom?
25	A Certainly, Well, T-Systems we can look at

17 16 15 4 3 Transcom today. To my understanding, Transcom has faxed and quickly deployed at a low cost compared to traditional development mechanisms. sit on an IP network, infrastructure, but they can be which are a suite of IP-based products that obviously develop their next-generation managed services suite, T-Systems. When I joined T-Systems, I was asked to offered to multi-national corporations as I had to IXC's much like Transcom is doing today. We also services groups that we did offer wholesale services activities of Transcom? enterprises. development of IP-based services for multi-national function out of Germany, which was my group. Telecom Group at a central product development Telecon Group, so that designation was by the CEO, strategy and development functions for Deutsche Kalle Verica (phonecic), the prior CEO. We did all IP the lead house IP development group in the Deutsche it two different ways. T-Systems was what they call Q And how does T-Systems compare with the It's very similar. T-Systems had carrier That's actually why I brought to It's much like the architecture of We also -- our primary focus was

defined an architecture that's IP-based. The first ast of scrvices that have come out of this architecture is obviously thuir long-distance voice termination services or transport services and they were developing a much richer portfolio to do more managed IP services, so it's very similar. O what did Desteche Telecom need a T-Systems to do these things for? A Well, we we had a lot of experience in the IP area at T-Systems due to the large shift of IP service requirements by large enterprises in the mid to late '900 actually. We built up networks for some to late '900 actually. We built up networks for some of the largest corporations in the world. Diamlerchryslar, Ford Motor Company, Bohr bharmaceuticals. So we privately transported more IP than any carrier in the world I could easily say. We busically did 40 tier-bits of traffic per month. MR. KORN: Your Honor, you know, this is very interesting about Deutsche Telecoon. I'm hot bhasically did 40 tier-bits of traffic per month. MR. KORN: Your Honor, you know, this is very interesting about Deutsche Telecoon. I'm hot hearing yet where it's relevante to what we're doing here so I don't know if this is a relevance objection or it's (inandible few world due to not speaking into a miorophone) future relevance objection, but I do vant to make that point.	Von touch to	The Comment) n
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Page defined an architecture that's IP-based. The first set of services that have come out of this		architecture is obviously the	(J)
Page defined an architecture that's IP-based. The first	C F	C	N
	IF-based. The	an architecture	ь

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		Pag
	1-4	tie it up.
	w	MR. THOMAS: Sure, Your Honor. Would
	(a)	you like me to respond or let the witness tie it up
	4.	for us.
	UI	THE COURT: I think maybe the objection
	os.	is generally move along maybe.
	7	MR. THOMAS: Okay,
	œ	Q Let's talk about you said that there were
	و	similarities between T-Systems and Transcom?
	10	A Absolutely.
	נו	Q Can can you just boil that down for the
	1.2	Court and explain
	13	A Yeah. To be more specific, there's portfolio
	14	correlations. So the portfolio which we launched is
	p s	the inter-select portfolio is very similar to what
	16	Transcom's product focus is today. So what we did was
	17	we deployed a service area in Europe, the United
	18	States and Asia very similar to there service area
	ů.	that Transcom has employed in Dallas, so they're in a
	20	very early phase as compared to where our portfolio
	21	Was.
	N N	But in this this this service area
·	23	acts as kind of an adaptor to any network
٠	22	infrastructure. And what we were able to do is roll
	25	out services to that that one service area that

Case 1:08-cv-03829-JSR	Document 22-10	Filed 09/03/2008	Page 9 of 41
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	service that we'd like and utilize the existing	24
	basically plug in one of these service areas, the new	23
	offering. In this new model, we were able to just	22
	accommodate that product for that service they were	21
	roll out new products, they had to build a network to	20
	we rolled out new products or when Deutsche Telecon	19
	Infrastructure savings, in the past when	1.8
	development.	17
-	there obviously, there's a cost savings and time of	16
	went from three years to three months as far as so	15
	from the development cycle for product release. We	# <u></u>
····	A We we had considerable savings. We had it	L3
	there any benefits to doing it that way?	1.2
	Q And did it save them were there were	'n
	A That's correct.	1.0
	network themselves?	ψ.
	this T-Systems company rather than developing the	\$
	and and IIEC IIEC services could implement	->
•	Q So you're saying that Dentsche Telecom IXC	σ,
	the capabilities.	ري د
_	entire network infrastructure much like Transcom has	4.
	service areas and it would be available across our	ć.
	put a manuged DNL (phonetic) service in one of the	13
-	would be ubiquitous to the entire network. So I could	Н
6	Page	
with the same of t	Multi-Page"	_

24 23 22 20 , 19 ₩. 17 16 15 74 13 12 22 بر س 0.0 portfolio, no we do not pay any. partners network infrastructure. central fabric within their Dallas location, they would be able to extend those services to their their network, whatever services were enabled in the utilize the infrastructure to their customers. utilize that infrastructure and -- and as well, in Dallas. So they can plug in features there and they have a centralized management at their location connected to them in eight locations in the U.S., but distributed physical plane. So physically, network's Because it's a central control planning with a capabilities with their soft-switch environment. and each new service roll out. internationally that we didn't have to accommodate for same thing? the enormous cost of infrastructure to employ A Absolutely. Absolutely. They have the same ø Obviously we paid on our additional telephony And -- and you're saying Transcom does the Yes, to the same services that Transcom would And is that analogous to what Transcom is --Does T-Systems pay access charges? On -- on our services in the interim select So if an IXC was to interconnect with Multi-Page 114 Page 67

2 3 22 22 20 14 18 7.7 16 î, 14 در نب 12 1-1 1-1 0.1:

د<u>د</u> 4 23 22 21 20 1.9

obviously with their rates

savings are just because there are no access charges

SBC has alleged that all of those cost

understa	Ø	A	order?	Ø	IP-based	carrier	
understand ATCT what ATCT was doing with their	And from the point of IP telephony, do y	Yes, I have.		Have you had a chance to	IP-based services.	carrier services business, but not in the interse	
×	en de					not i	
5 5.	lephon			view t		n the	
2 + Ko ; v	Y, do y			review the AT&1		interse	

Page

Page

specific service? Could you explain to the Court what it

from the order, who benefitted from ATAT's specific I couldn't tell from the order that they did anything other than just change transport mechanisms. Yellow water hose and then back to a green water hose you could say like water hoses, and if a green water hose that I transport voice in converted over to a converting it to an IP -- IP transport and back to transporting voice on traditional TDM, and then could read in the order, it just seemed they were just AT&T was doing from a telephony point of view? It's basically pipes lined up in a row, I guess Who benefitted -- from what you could tell From a telephony point of view from what I

> in customers that are involved Deutsche Telecom Group, our -- their customers and the because there's no cost reduction (inaudible word) in order. T-Systems? Well, T-Systems benefits from it, I couldn't, no Could you tell if anyone else benefitting Who benefits from the services of T-Systems? for the customer.

72 that the customers of AT&T didn't pay any different and ease of deployment of new features. well, since this is IP-based, they gain flexibility and then their end customers see a cost savings. As obviously procure these at a substantial cost savings sees cost mavings against the traditional carrier Is that true with Transcom? Transcom's IXC services can also, you know, Okay. Over the AT&F order, the Court said The same -- the same for Transcom. Transcom The Transcom is very competitive

17 16 <u>4</u> 13 11 10

Who benefits from those?

What about form -- from Transcom's services?

18

probably cheaper if if they had the volumes of	25
competitive environment. Although they would be	24
space, they obviously run the operating in a very	23
A Well, there there in the ESP	22
wouldn't do that?	82 23
Is there can you think of any reason why Transcom	20
savings, why doesn't Transcom just pay access charges?	19
Q SRC has argued that if there's so much cost	1.8
termination.	17
most cost savings is in the infrastructure, not in	16
IP-based and the way they can deploy products, I know	15
of Transcom, but no. In the model, just being	14
A I'm not familiar with the specific financials	13
Is that true?	12
savings are just because no access charges are paid.	1.2
Q Sure. SBC has alleged that all of those cost	10
A Could you please repeat the question?	ဖ
the testimony last time, overrule the objection?	æ
THE COURT: Since I took into account	7
Mr	6
specifically some of the questioning to the witness,	fù.
MR. THOMAS: Your Honox, that's been	4
don't know that there's any such allegation.	(s)
MR. STRETCH: Your Honor, objection. I	N
paid; is that true?	1-4
Page 70	

25	24	23	22	22	20	1.9	1.09	17	9.1	r.	14	13	12	1.1	10	. t o	Č3	7	0,	ŬТ	42	ω	ы	بر	
A NO, it is years.	Q And could they do it in a day or two?	A Oh, yeah. Very expensive.	Q Is that is that expensive?	investment they would have to make.	termination. So it's a complete infrastructure	seven networks overseas to be able to do international	the 597 network in the U.S. as well as signal system	as they would have to buy very expensive trunking to	offices that they would wish to terminate to as well	they would have buy trunking to all the dentral	to to interconnect with traditional PSTN network,	an adaptor to infrastructures to roll out services	Transcom is configured, like I was saying, as kind of	Transcom is not configured like a telecom backbone.	A I think it would be quite complicated just	thing for them	Q Would it be an easy thing or a complicated	A No. No.	access charges and acting like ATET tomorrow morning?	Q Could Transcom push a button and start paying	feel.	well, so it would still take them out of market ${\mathbb T}$	to compete with competitors in their ESP space as	ATET, than let's say an ATEY. They would not be able	
																									gya

	he tooked ut	23
	funiliar with where it was.	22
	last year and a half, two years, then I'm I'm very	22
-	time. So if his architecture hadn't changed in the	20
	he made us aware of kind of his architecture at that	1.9
	our infrastructure, how our development was going and	19
	So at that time, he was able to look at	17
	entering this (insudible word) service space.	16
	far as the portfolio goes because he was interested in	n h
	vendor asked him to come look at what I was doing as	1.4
	just started at Deutsche Telecom. His softswitch	13
	met Mr. Birdwell two years ago when I was when I	12
	A I'm somewhat familiar with it. I actually	1.1
	system?	10
	9 What familiarity do you have with franscom's	vo
	foundation?	¢o
	THE COURT: Do you want to lay some	7
	THE WITNESS: Okay.	Œ,
	particular architecture.	ហ
	actually seen what Transcom does or knowledge of their	45
	of a foundation. We have no idea if he's ever	ω
	interject an objection? There's been no establishment	ы
	MR. STRETCH: Your Honor, may I	
Page 72		
	_	

₩	Q And you were working with and he he
23	they were doing the same thing that T-Systems was
ω	doing?
4	A Yeah, well well, no. They they can't
சு	do the same things because they haven't invested
Ø	nearly as much money, but during the early stages,
7	they wers doing what we were doing. I I welcomed
63	him to our development labs because our overhead in a
W	company that size is significant. So I would look for
10	outsourcing partners like in the U.S. that could do
<u>1</u> 1	this. I wanted a partner that was like like
12	Transcom to come in and see if they could do similar
Ö H	services,
4	MR. STRETCH: Your Honor, this is pure
15	hearsay. There's there's absolutely no foundation
16	in anything he has said about it. Renew the objection
17	and move to strike the testimony based on the absence
1.8	of foundation.
19	THE COURT: Response?
20	MR. THOMAS: Your Honor, he's testified
12	that he has been in contact with the people at
22	Transcom. He has worked with them not just in in
23	that meeting but in communications since that time.
24	He's been informed of what their systems are like and
25	what they do. This ign't like a box that you git on a

product that they're - it's definitely a lot less

with their sales representatives from ECI as well as my engineers, my development engineers labeled Varar.

(inaudible few words) at T-Systems, and I have met

Yes. I -- I've had some. Obviously, we had a relationship with ECI which is

efficiencies of the network and the way he rolls out	24
knowing the exact numbers, but I know just due to the	23
different. There's I mean, it's impossible without	20
savings just in in our but our volumes were much	22
A Over a magnitude, we say 30 percent cost	20
Q Could you give us just an idea?	19
MR. THOMAS: Thank you, Your Honor.	1.00
THE COURT: Overruled.	17
MR. THOMAS: Your Houor, he's	ji 6
foundation as to what it cost ATET to do access,	15
May I interrupt? Same objection. You have no	14
MR. STRETCH: I'm sorry, Your Honor.	13
cost.	12
doing business codmy, obviously, it's a significant	11
A All I can say is compared to the way they're	10
very large cost? Can you give us any idea?	Ð
like ATET. Is it is it a small cost or is it a	с о
of Transcom implementing changing over to do access	7
Q So if the we were talking about the cost	σ.
MR. THOMAS: Thank you, Your Honor.	មា
THE COURT: Overruled.	۵
in a room and see the whole thing. This is a	3
is an entire network. No a human being can't walk	ы
table and you can go in and you can open it up. This	<u>j</u>
Page 74	

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11 12 11 12 12 13

to the Varaz media gateways that are used by Transcom Transcom has, absolutely. price, but it's more than he's paying today. wished to deploy as well as additional costs for in your work with T-Systems? price because his volume's going to determine his additional management platforms. So I can't put a that they don't do today, Transcom would as well as signaling trunking. additional cost in every geographic region that he trunks he wouldn't have to buy today. So there is interconnect his network to the traditional MSTN is because all of the trunking, geographically, to know. But I would say it has to be less expensive expensive, and it's hard to qualify a lot less, I Q ' And it would take months or --Have you ever come across or had any exposure Years, I feel years with the staffing that He would have to buy additional trunking So he would have to build database

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D.	
age	
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hat we needed, but	Varuz because it didn't scale to what w	12 55
We couldn't use		22
there's - there's	original wave shape. So, you know, the	N U
actually recreate the	actually be intuitive to try to actuall	i)
hat Varaz would	they would just omit it. We say that t	21
xd) as a sample or	signal that they had (inaudible word) a	20
duplicate the	other equipment, they would either duplicate	19
what we saw in the	output side, there's packet loss, what	18
ere normally on the	Their algorithms where no	17
	other vendors that we had tested.	ور آ
compared to the	packet loss concealment algorithms compared	15
itive in Veraz'	tell, the algorithm was very intuitive	14
las best we could	development labs. But as sold and as	13
lre in our	sophisticated gears we would require i	12
anywhere the near	basically, we we didn't have anywhe	11
as, you know,	A Well, as as sold and as, y	10
	gateways in the industry?	9
with other media	understand that system to compare with	83
be how do you	Q Do you understand it to be	7
	A Somewhat, yes.	G 1
ay?	concealment in Varaz' media gateway?	نان نات
e packet loss	Q Are you familiar with the	4
	past.	w
n gateways in the	to the Nortel, Lucent and Ericsson gateways	a
ateway in comparison	media gateway, BCI Veraz' media gateway	<u>,,,</u>
Page 76		

25	24	دة دي	13 13	21	20	1.9	18	17	ور بر	۲ Ja	14	ᇤ	12	11	1.0	, و	æ	7	Ot.	ທ	42	ω	N	بر
of of telephone calls, is it does Transcom's	understanding of what content is in the transmission	Q Is it your understanding based on your	understanding if he has one.	legal conclusion. The witness may give his	THE COURT: Sustained sustained as to	MR. THOMAS: Actually, Your Honor	conclusion.	MR. STRETCH: Objection, calls for legal	A Yes.	content of every call that passes through it?	Q In your mind, does Transcom system change the	A That's correct.	shape even before it entered the PSTN?	Q And that would include predicting the wave	prediction algorithm.	doesn't have full visibility, but it's an intuitive	A And it it tries to predict. Obviously, it	Q Okay.	A Right, the input signal.	in the analog format when it first	shape, are you talking about the original wave shape	Q And when you talk about the original wave	in that feature.	as far as that feature goes, that ~~ they are unique

Multi-Page M

		on the TDM?	25
	rice than to just leave it	call through Transcom's service than to just	13 4
	chink it's better to run a	you tell the Court why you think it's better	۵۵ ښ
	succinctly, I mean, can	Q And just in in	22
		carrier.	21
	element of BSP other than	FCC, I would put TSN in an element of	20
	the RSP definition by the	And to my understanding of	1.9
	to put them into a stack.	managed services if I had	1.8
	They provide advanced	not licensed as a carrier.	17
	nd of the CSP. Transcom's	understanding of Transcom and of	16
	I can do is base off my	A Right. All all	15
		understanding.	1.4
	you for your	Q And I'm just asking you	13
	Yes.	MR. THOMAS:	12
		has one.	11
	e his understanding if he	ruling. The witness may give	10
	Same objection and same	THE COURT:	×0
	Objection, Your Honor.	MR, STRETCH:	œ
	service?	or a telecommunications	7
	is Transcom an enhanced service	terms in the industry,	Q
	your mind as you understand the	Q In your in	ហ
		the transmission is.	₩-
	they alter the content of what	A In my opinion,	w
		passes through it?	80
	of every telephone call that	system change the content	ب
	Page 78		

computer processing applications that act on the	2 &
according to your understanding, does Transoom employ	N N3
aren't. Q Does Transcom employ computer process	21_
those Items are correct. Some of them obviously	19
A To my understanding of their network, some of	<u>.1</u>
may give his understanding if he has one.	17
THE COURT; Same ruling. The witness	16
the specific facts.	ki Ki
MR. THOMAS: Your Honor, I'm asking him	17
objection.	H U
MR. STRETCH: Your Honor, same	r L
making available information?	1
transforming, processing, retrieving, utilizing or	10
capability for generating, acquiring, storing,	9
Q Okay. Does Transcom's service offer a	00
A That's correct.	7
you were talking about an adaptor?	a
Q And that's what you were talking about when	თ
services perspective, that's absolutely right.	
A Absolutely. I mean, from the managed	w
capabilities?	2
architecture, IBEC (phonetic) to have next generation	;-
Page 80	

A They did.	25
as well?	52 44
did they did they do business in the United States	23
Q Now, Mr. Craft, when you were with Y-Systems,	22
BY MR. KOHN:	21
CROSS-EXAMINATION	20
THE COURT: Mr. Kolm?	19
HONOR:	ф ј.:
MR. THOMAS: Pass the witness, Your	17
Q Okay.	T G
Transcom's direct testimony.	15
talking about the end user. But it also can be	14
A When I'm talking about the subscriber, I'm	13
who are you talking about in your mind?	12
Q And when you're talking about the subsoriber,	11
A Yes.	10
information?	<u> </u>
the subscriber additional, different or restructured	&
Q To your understanding, does Transcom provide	7
A Many of those elements, yes.	6
Q Go ahead.	UT.
A sorry. I was going to finish my mentence.	4
Q To you	tu:
elements	N
A To my understanding, yes. It's the	þ.
Page 81	
$Mu_{N-1} = 100$	7

A That's correct.	
	24
T-Systems before the access order came down?	23
Q Okay, I I apologize. You were with	ม
I was with T-Systems. I don't want to be incorrect.	21
A Excuse me. I was not with T. Mobil, though.	20
Q All right. And after the access order	1.9
A Oh, absolutely.	1.6
down, right?	1.7
were with with T-Mobil before the access order came	16
Q And was this this was you were you	15
A Oh, numerous CLECs.	14
Q And from whom were you purchasing them?	13
business lines.	12
purchasing PRI-based services, business lines, local	11
A No. We were yeah, we were	10
terminating services?	9
pay access charges, were they, in fact, purchasing	<u></u>
know, you had a discussion, you said T-Systems didn't	7
Q All right. So in much respect when you, you	en .
offers today.	UN.
A Not not the direct services that Transcom	22
telephone calle?	w
they're sort of active in the middle of a chain of	ນ
Q Do they function as Y-Systems does where	ř
Page 82	

distinction is it was international and the other is		tsi Un
not paying access charges because one possible		24
whether T-Mobile T-Systems, forgive me, was or was		23
Q Okay. So it may or may not be relevant as to	_ 13	N N
A I'm not familiar.	H	ស្ន
international or starts national?		20
access charges are different whether it starts		1.9
Q Do you know if the rules for payment of		18
correct and other like I said		17
A As far as terminating in the U.S., that's	<u> </u>	16
international calls that ended up		15
Q So all of the services that you did were	-	بر ھ
size in the U.S. We did in other countries.		<u>1.2</u>
A No, because we lacked a footprint of that	N	12
domestically?		11
know, originated domestically and terminated		10
services that opened domestically and \sim and, you	e e	
Q Okay. And would did you also have	8	
the 50 countries that we serve and it terminates here.	- 7	
A That's correct. They originated in any of	0,	
ended with PSTN and something clase	e e	
charges, was this traffic that started with PSTN and		
Q Was when f-Systems was not paying access	ω	
A I'm not familiar.	ы	
charges changed after the access order came down?	<u></u>	
Page		

Casa 1:00 av 02020 ICD	Decument 22 10	Filed 00/02/2000	Dogg 10 of 11
Case 1:08-cv-03829-JSR	Document 22-10	Filed 09/03/2008	Page 18 QI 41
••			

7	Multi-Page ^{IM}
	Page 84
۲	that your experience is before the access order?
ы	h That's correct.
ţ,	Q Okay. Now, with xespect to the flexible
4	platform that you have
S1	A Un-huh.
φ	Q and, you know, let me see if I as
->	you've heard from my questions, I'm really not great
80	technically in this area, but I'm going to tay to get
٥	it in sort of a common sense kind of way.
10	A No problem.
11 11	THE COURT: I think you you're better
12	than you're saying, Wr. Kohn.
13	MR. KOHN: The rule the rule to
	expertise, Your Honor, is using the right buzzwords
5	and I don't know that. So I may understand it, but if
1.6	I don't use the buzzwords, I'm not going to ~- you
17	know, it doesn't count.
;; œ	Q Essentially, if I have this right, there's
6.1	this computer somewhere which constitutes the IP
30	system and that's very flexible. And if you run all
21	kinds of things through that computer, you can offer
<u>ಬ</u> ಬ	all kinds of bells and whistles to your customers. Is
ಖ ಎ	that a fair description
24	A It pains me to say that, but if in it's most
25	simplistic form, sure, we'll do that.

picture on and do a	25
use call redirecting and do all kinds of different	24
Q You can do enhanced voice mail and you can	23
A Absolutely.	8U 80
designate them to different roads and come back?	22
And if you're flexible enough in the computer, you can	20
computer directing it, various things can come in.	1.9
the roads in place and the little intelligence in the	16
you have which is very flexible is that if you have	17
and what before I get there, one of the things that	1.6
Q All right. And let's understand exactly	15
A Okay.	#
road.	13
Q Okay. Well, let's take the last piece of the	12
was basically this on ramp.	11
this infrastructure of (inaudible few words) systems	10
roads. And and Transcom's an infrastructure and	ø
ramp there's a central on ramp that leads to all	80
computer is a service. So there's a central on	7
is a system of roads that tie cities together and the	sn.
one than that and and just say an IP network is	ហ
A Yeah, but actually, I'd like to do a better	4
make it work and make it interface	ن
of technical requirements as to what you have to do to	N
Q Yeah, Okay. And there are there are lots	P
Page 85	
Multi-Page TX	

	A All right,	N Ui
	sending signals to AT&T in Texas.	24
	Q where currently Transcom is coming and	<u>ಬ</u>
- Name of the second	A Oksy.	22
	last bit of this little system that you have	21
	Q And all right, Now, let's talk about the	20
	A That's conrect.	19
	Q not just a telephone call?	1. 1.
	A Services.	17
	all these exciting new things, not just	16
	were anticipating and the buzz in this business was	12 St
	Q All right. And, in fact, the growth that you	1.4
	A Absolutely.	13
	person to another?	12
	more than traditional calls, telephone calls from one	11
	Q Right. And that included things which were	10
	substantial number of gervices over two years.	و
	Actually, we like I said, we rolled out a	99
	A It was yeah, the mid and short-term goal.	7
	occur?	o.
	was to enable all of these bells and whistles to to	и
	Q And, in fact, the long-term goal of T. Systems	4
	A Absolutely.	u
	infrastructure in placo?	ىد
	different things if you have the (inaudible word)	Ь
	Page 86	

A That's correct.	25
getting a signal and sending it over to a local line?	24
Q Okay. But but somehow or other, AT&T's	23
IP environment. It's two different architectures.	13 22
yeah. I mean, it routs, but there's many more than an	21
A If you in your traditional telephony sense,	20
a computer that says, Send it here?	₽
Q Or many. But a switch is basically just like	1.8
Λ Οχ παργ.	17
Q Huh?	1.6
A Or many.	t t
	14
A That's correct.	13
them to do this; isn't that correct?	1.2
Q Now, AT&T has a switch in Texas which enabled	<u> </u>
A Uh-huh.	10
this line over there which is a local line?	9
traffic that it was getting and sending it over to	80
before the suspension was it was taking this phone	7
Q And what ATRY is doing based on its contract	Øs.
Y Yes.	ψ1
Q right? Isn't that correct?	₽.
A Okay.	Ç.i
local provider of some sort	N
Q Which ATET is now functioning as being a	μ
Радо 87	
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Multi-Page "

you would normally -- not normally but traditionally

	you would normally not normally but traditionally	N G
	circuit. Some channels are used for signaling which	24
	in a primary rate ISDN line, it's a fully-encapsulated	23
	understanding, which is primarily rate ISDN line. And	8 2
	A Okay. They give Arer a PRI, to my	2 2
	Q Well, what is it that it gives AV&T7	20
	does.	1.9
	INT with a SS7 signal? That is not what Transcom	1.8
	A Obviously, but in PSTW format, do you mean an	17
Ng 821124	Q All xight.	76
	the technical terminology.	15
	trying to take it easy because you're not using all	14
	A Well, excuse me. That's and I I'm	13
	Q so as a phone call comes in	12
	А Уев.	11
*****	form?	10
•	hands it off to AT&T, it's it's already in PSTN	Ý
	Q So Transcom takes the signal and before it	8
	A On Transcom's side to the interconnection.	7
	AT&T and the SBC	Ø
**************************************	arOmega And where's that sit as between Transcom and	cr
	A The media gateways of the interconnect point.	42
	who picks up the phone is able to respond to it?	w
· · ·	changes the IP signal into a PSTN signal so the person	ю
	Q Okay. When is the conversion happening which	F-r
Page 88		

ι: 4 23 22 21 20 19 18 17 ¢⁄ H÷ 15 <u>14</u> ¥ P) 11 10 when this traffic comes to ATET that they can't just terminate it to its local switch the signaling, translates it to the SS7 signal to PRI. The PRI interface on the far switch interprets right person? up working in a local line to be able to get to the this -- what -- how does it work that this thing ends down the same circuit to the switch. is via a PRI where they send signaling and payload these trunks. The way Transcom terminates with AT&T switches where to route them, and you send payload in to make the phone ring on the far end to tell the switches. You signal out this line to set up the call \$57 trunking and you have INTs or trunks between the They're all packed together. terminating to the end customer, but their multiplex actual content, the -- the speech that they're actually these voice calls that are -- that -- the and then there's payload on a PRI. And payload is national signaling system and the telephone network have trunking between the 887 system which is the A It signals in band -- like I'm saying in a And this media gateway that they have, Okay, And is -- and is there a reason that In a tradicional environment, you have Page 89

25	24	N W	22	21	20	1,9	1.8	7 7	16	(14	13	1,2	11	10	70	œ	7	٥	ÇF	£.	ω	12	۲		
just standard long distance to long distance calls?	have all these enhanced services and traffic which is	distinguish at the get go between traffic where you	Q is there a reason that that system can't	A Uh-huh.	system that you have	Q Okny. Is there now, this flexible IP	to this. It's not to just terminate the calls.	lines. Their primary architecture is to add services	They're architected to deliver phone calls over ISDN	A Because they're not architected that way.	to a local line?	we'll send the information and we need to turn it over	Q I mean, why isn't that just can't go over	A Right.	and there has there has to be some kind of data?	Q In other words, you're going to send signals	A I don't know if I understand that guestion.	just convert it?	can't some around in this packet and the media gateway	Q Okwy. Why why is it that the information	signaling gateway like I'm saying.	A Yeah, because it doesn't have the SS7	line as opposed to a the local line?	send it over to a different kind of line, an access	Page 90	Multi-Page ⁱⁿ
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	$Math-Page^{\pi N}$
ş	You know, PSTN to PSTN calls?
ผ	A If if you were to develop a system and
ω	architect it to filter that, I'm certain you can.
A.	Q And that was a choice that was made when
មា	these systems were set up, right?
6	A I don't know their thinking.
7	Q Okay.
0	A All I know
w	Q When you set the system up for
10	P T-Systems.
11	Q for T-Systems, yeal?
12	A It was for convergence.
73	Q It was it was intended for these future
14	services?
15	A It was correct.
76	Q If there was if there was a requirement to
17	separate our traditional phone-to-phone long distance
18	traffic that went through an IP line in between, was
Т9	that something that you would have been able to do
20	when you were at T-Systems computers?
22	A It would have been very costly for us to do
22	that.
83 W	Q All right. Now, you indicated that there
ಚಿ	were possible cost savings even apart from access
25	charges?

1	Multi-Page™
4.4	Page 92
4	A Of course.
h2	Q All right. But you also, I think, indicated
Ç.	that if Transcom had to pay access charges, it
å	couldn't compete with people who had economies of
ហ	scale?
ø,	A Of course not. Well, there's two two
7	(insudible word) in the work. What I actually said
os	was people with the same business model at Transcom,
v	if Transcom had to pay access charges, they were
10	definitely not being able to compete. And what I was
נו	also saying is if Trunscom had the volumes, the scale
7,	that ATET had, then I think there would be a
μ U	eignificant backbone savings comparable to what ATGT
4	could see. They were not the same thing. It's two
7.5	different things.
16	Q Oh, I see. So is there I mean I mean,
17	T-Systems is probably a large company, had the basis
8	of economies of scale?
19	A Yeah, We we had 45,000 employees.
20	Q And if I mean, a company like T-Systems
in in	for example had been subject to access charges, do you
22	think it would be reasonable to compete with somebody
23	who's a smaller scale but for whatever reason under
24	similar circumstances similar service, similar
25	factors didn't pay access charges?

77 23 22 19 16 P P 13 12 11 <u>,</u> œ because he doesn't pay access charges? know if I could ever subsidize down to a level that that was going to be completely separate for us. We different competitions. They would compete in a space But Transcom right now is doing voice services and this way. We had a converge solution, a completely doesn't have economics of scale manages to compete wouldn't be that much of a subsidy? business because we would be more expensive. I don't would sall a conversion solution and they would just enhanced voice services and, you know, it's two businesses to accommodate the termination charges. converge solution, a much more mature solution, so where you have somebody that's, you know, entering a -- I could subsidize my margins on my other Q But -- but if they paid access charges, it We'd beat them. We'd beat them. Okay. So this is a game where somebody who You'd beat them? I think it's a -- I think it's a game They would probably win the voice Page 93

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	Page 94	
Į.,	new part of the telecommunications market, new	. ~
№	new part of the communications market, and I think	
ω	this is required to have that area grow. I think	
ıp-	that's where we're going. I think that by them not	
ۍ	having to pay these access charges allows them to	
or,	grow.	
7	You know, guys like Deutsche Telecom,	
2 0	guys like AT&T or companies I'll say guys but I	
ę.	mean companies obviously, you know, we we	
10	have plenty of money to fund new product developments	
11	and shut them down day in and day out normally for new	
1.2	development. And, you know, many times we will fund	
13	projects to play in areas that are that are	
14	growing, and we find if we can play with the same	
1.5	rules as the competition in that area. If we can't,	
16	then many times we'll pull out and other times, we'll	
17	keep it going.	
18	Q And and that's a very sound policy	
6.1	argument, do you would you agree with me with your	
20	laymen's interpretation that those kinds of policy	
21	judgments are give to the FCC to decide who to	
&) 03	subsidize?	
N W	A They're given to whatever powers that be who	
24	will hear it.	
25	Q Okay. All right. Now, let me ask you with	

25	24	23	2	21	20	19	16	17	16	15	14	13	12	1,	10	49	8	7	6	ن ان	4	w	s.v	بر
Q Okay. And is do you and to your	A No. I just know it's changed.	changed? You have done that znalysis?	what percentage of Transcom's actual signal is, quote,	Q access order. And you won't know how	A Yeah, I did. I read it.	meaningful change, you read the	FCC said the change affected by AT&T isn't the	Q And you understand that, you know, when the	absolutely test their algorithm to an extent,	equipment to test their absolute you know,	significant, you know, physics people on board and	A Yeah, You have to have some pretty	Q Their algorithm?	capability of testing their algorithim,	testing the Varaz system. We didn't have the	A No. I stated we have the capability of	capability of testing the Varaz system?	you also told me that your your lab didn't have the	Q Have you had discussions with any of your	training or trade, nor have I ever been.	A No, no. I'm I'm not an engineer by	not a technical person that looks at signals and	know you've had some technical training, but you're	respect to this notion of the change. You're not I

25	you?	ki Us
22 44	Q Would 100 for the second sound about right to	24
	A I'm not sure.	23
22	duration are we talking about?	22
22	long the time period for the dropped packet? What	21
20	Q Okay. How long does the do you know how	20
19	an enhancement.	 9
3.8	A Yeah, but sure it's a change, but it's not	18
17	Q All right. But it is a change?	17
16	what the last guy did.	16
15	a that's a lazy solution. I just okay, that's	15
14	there's any enhancement to the signal. That's was	14
13	A I think that's a change but I don't think	13
	change, too, isn't it?	12
11	substitute the old the prior Trans packet, that's a	11
F. 0	instead of using the Transcom system, they simply	10
' 0	and repeats a packet because there's a dropped packet	. به
8	Q And if Transcom and if somebody goes off	60
- 2	Any degree of dark in this room is dark.	7
6.	Transcom network. Any degree of change is change.	6
អា	the content I think the content is affected on the	(J1
4	mean, change of form or change of content. I think	4
u	A It's according to what kind of change you	(J)
, so	minimis?	ы
-	understanding, is any change a change no matter how	þ
- 11 	Page 96	<u>-</u>
	The state of the s	7

1 A That sounds right, pretty good. 2 Q And so is it is it your understand 3 if you have a five-minute call and you change 4 something in 100th of a second, that that's ki 5 change? 6 A If it's every packet, then it's a hug 6 Change. 9 A Mo, that's what I mean. If it's ever 9 packet in a five-minute call, that's a signifi 10 change in normal normal IP instances. 11 Q How much how many packets get drop 12 packet you have packet loss on most 13 network communications. Across the internet, 14 percent packet you have packet loss on most 15 network communications. Across the internet, 16 have anywhere up to 20 percent packet loss. 17 Q All right. So if you have a slight 18 difference in the you know, and what is the 19 difference and what in auditory sound between 20 repetition of the prior one and the other one 21 of the dropped 22
A That sounds right, pretty go Q And so is it is it your u if you have a five-minute call and yo something in 100th of a second, that change? A If it's every packet, then i change. Q And what if it's only drop i A Mo, that's what I mean. If packet in a five-minute call, that's change in normal normal IP instanc Q How much how many packets A You can usually drop anywher percent packet you have packet los network communications. Across the i have anywhere up to 20 percent packet Q All right. So if you have a difference in the you know, and wh difference and what in auditory sound repetition of the prior one and the c of the dropped A I'm not qualified to answer Q Okay. Now, you don't profes
A That sounds right, pretty good. Q And so is it is it your understandi if you have a five-minute call and you change something in looth of a second, that that's kin change? A If it's every packet, then it's a huge change. Q And what if it's only drop packets? R Mo, that's what I mean. If it's every packet in a five-minute call, that's a signific change in normal normal IP instances. Q How much how many packets get drops A You can usually drop anywhere from 2 to percent packet up to 20 percent packet loss on most network communications. Across the internet, yhave anywhere up to 20 percent packet loss. Q All right. So if you have a slight difference in the you know, and what is the difference and what in auditory sound between t repetition of the prior one and the other one is of the dropped
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A That sounds right, pretty good. Q And so is it is it your understandider on the party of the power of the power of the packet, then it's a huge change? A If it's every packet, then it's a huge change. Q And what if it's only drop packets? A No, that's what I mean. If it's every packet in a five-minute call, that's a signification of the packets? A You can usually drop anywhere from 2 to percent packet you have packet loss on most network communications. Across the internet, between anywhere up to 20 percent packet loss. Q All right. So if you have a slight
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A That sounds right, pre Q And so is it is it if you have a five-minute call something in 100th of a second change? A If it's every packet, change. Q And what if it's only
A That sounds right, pre Q And so is it is it if you have a five-minute call something in 100th of a second, change? A If it's every packet, change.
A That sounds right, pre Q And so is it is it if you have a five-minute call something in 100th of a second. change? A If it's every packet,
A That sounds right, pre Q And so is it is it if you have a five-minute call something in 100th of a second. change?
A That sounds right, pre Q And so is it is it if you have a five-minute call something in 100th of a second.
A That sounds right, pre Q And so is it is it if you have a five-minute call
A That sounds right, pre
A That sounds right, pretty
-

MR. STRETCH: Thank you, Your Honor. CROSS-EXAMINATION BY MR. STRETCH:
KOHN: I have nothing furt COURT: Okay. Thank you, Stretch?
Q You haven't you haven't done that before here today? A No. No. Why would you? MR. KOHN: One moment, Your Honor. THE COURT: Take your time, Mr. Kohn.
e two signals, you can ced over the other of Well, with test e with my ear.
transmissic mission? No, I !
Page A Not by any means. Q Okay, And you personally didn't test the

their CTO.	25
Varaz and Transcom to come meet with Chad Frasier,	24
A Yeah. I I flew over on an invite of ECI	23
that gave you familiarity with Transcom	12 12
conversation, do you have any other anything else	21
Q Scott Birdwell. Okay. Aside from that	0.2
A Yeah.	19
Q on. I think I think you did.	9.1
Scott?	17
A Uh-huh. It was Scott Birdwell. Did I say	16
1s that correct?	អ្
Q in which he described Transcom's system;	14
A About a year and a half ago, yeah.	13
years ago	12
had with Mr. Birdwell about a year and a half or two	11
Q Okay. You talked about a conversation you	10
eucceésful.	· •
actually. I wented to be a lawyer and I I was not	ω.
pursue, let me remamber Political Science,	7
A Yeah, Louisiana Tech briefly but it was to	¢1
prior to entering	U1
Q Okay. pid you did you attend college	4
to have a two-year degree before I was discharged.	w
(inaudible few words) college of the Air Force. I got	ы
A Yeah. It was mostly Air Force where I	ę
Page 99	

Multi-Page ""

	Page 100	
ب	Q Okay. And when was that?	~
ಬ	A That was last summer. I'm sorry. Last	
ω	summer, I would have left. Summer of 2003 would have	
÷	been when that was.	
ບາ	Q Okay.	
ø.	A Yeah.	
7	Q And what was the purpose of that visit?	
œ	A The purpose of that visit was obviously to	
٠	give a kind of a more detailed product development	
or	understanding to Chad of what we were doing and what	
11	our capabilities were and to get a better	
12	understanding of what Chad was doing here with	
# #	Transoom's network.	
14	Q With the the purpose of entering into a	
	business relationship?	
16	A Just we do this all the time. We do it	
17	with AT&T all the time at the time. It's it's very	
18	good to meet and see where development is, you know,	
19	and obviously new development areas of	
20	telecommunications companies. It's supposedly fine	
21	for us to talk about that area because we're not	
N N	generating revenue on it and there's possibilities of	
83	partnership. So we'll meet and see what the	
to #>	capabilities of another telecom provider is just as	-
ان ان	an, you know, informal meeting just to see if we're	

A NO.	25
Mr. Birdwell?	24
Q Any other business relationship with	22 ₩
A Yeah, that's correct.	8 22
relationship with a company owned by Mr. Birdwell?	21
Q Okay. So that's a that's a business	20
which is completely outside of this.	19
(phonetic) looking at YMAX product development	8
Birdwell, and that is to do actually a YMAX	17
communications which is a company owned by Scott	16
actually, it's not for Transcom. I'm for source	5
on and off right now. I they wanted to do	14
A Yesh, I'm I'm a consultant for Transcom	13
relationship with Transcom?	12
Q Okay. Do you have any current business	Ľ
A No, it didn't turn into anything.	10
down the line ever turn into anything with Transcom?	. 10
Q And did this possibility of a partnership	<u>م</u>
our companies.	7
time and skill for our company and partnerships for	σı
see where it's going and ways to find, you know, the	ۍ.
We just you know, we go around other companies and	44
A That's kind of what product guys like me do.	(L)
Ω Okay.	ы
you know, possibilities to partner down the line.	H
Page 101	
Multi-Page ^{IM}	٠,

GOXY8GU?	25
Q during the summer of 2004; is that	24
A Uh-huh.	23
based on a conversation with Chad Frasier	ಬ
understand your knowledge of Transcom's system is	21
Q Okey. So just so I'm fair and I	20
has the same system.	9
you done any redesigns but I \sim the assumption is he	11.6
and things like that. So, no, I haven't said, Have	17
It's obvious because we talk about PRI terminations	76
and I on occasion. So it's the same architecture.	io.
conversations that occur between Scott and I and Rick	<u> </u>
A Yoah. Well, obviously, there's casual	L
summer of, what was it, 2003?	12
on your your your meeting with Chad Frasier	ц
Q Okay. So you're testifying here hased solely	1.0
about it.	φ.
that was completely from another subject, but that's	చ
A I asked Chad today about SIP (phonetic), but	-2
preparation for your restimony?	61
Transcom's system in the last 30 immediately in	UT.
Q Okay, Did you speak with anyone about	ats.
A Nope.	ω
with Transcom?	2
Q With any with any other person affiliated	۳
Page 102	
Multi-Page TM	7

the services Transcom provides. Uh-huh. And and is it correct to say you testified	Q And ar	
s Transcom provides.		22
es Transcom provides.	A Uh-huh.	23
	what the servic	22
We talked about we talked about	Q Okay. We	22
	actually.	20
Oh, yeah. Absolutely. We deployed Sonas,	A Oh, yeah.	9
ed Sonam?	with a company called Sonam?	# 8
What about are you are you familiar	Ω What abou	1.7
cet concealments, stuff like this.	A on packet	Ę.
	Q Okay.	Z,
Nortel's, Ericcon's soft switch literature	Nortel's, Ericcon'	14
as well as looked at Cisco's and Lucent's,	switches as well a	1.3
basically the Varaz literature on their soft	over basically the	12
I looked at I went back and looked	A Yeah, I	11
	your testimony?	10
literature, any any material in preparation for	literature, any	v
Did you review any technical	Ω Okay, Di	63
	A Yeah.	-3
connection with your work for for Mr. Birdwell?	connection with yo	ο.
a half ago and then casual conversations in	year and a half as	UT
conversation with Scott Birdwell about a	Q A conver	చు
	A Uh-kuh.	w
	Q 2003?	Na.
	A 2003.	Ļ
Page 103		

Q the off ramp in TDW format?	25
A Okay.	₩ #
Q in TDM format and that exit	22
A Un-huh.	80 80
come into the Transcom on ramp	221
Q Okay. Now, I want to talk about calls that	20
A Yeah, they can. That's right.	3.9
Transcom sort of sits at either end?	ъ В
Q And Transcom, is it correct to say that	17
A Right.	E 61
an off ramp?	15
Q "" to an interconnected set of highways and	14
A Right.	13
talked about an on ramp ~-	12
voice calls that traverse Transcom's network. And you	11
Q Okay. I want to talk specifically now about	10
specifics of mach.	<u>پ</u>
termination services but I'm not familiar with the	6 >
their portfolio. I know they do more than just	7
portfolio. I don't have an in-dapth knowledge of	Ø
A I'm not in in depth deep into their	ري د
that they've deployed in their network presently?	44
Q Okay. Are you aware of any other services	خيا
A That's correct.	1.3
calls?	Ļ
Page 104	
Mülli-Page M	7

8829-JSR	Document 22-10	Filed 09/03/2008	Page 29 of 41
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Case 1:08-cv-03

1	Multi-Page ⁿ
	Page 105
ь	A Okay.
N	Q To your knowledge has Transcom carried calls
ω	of that nature?
4	A To my knowledge, yes.
cn cn	Q Okay. Would ~~ is it safe to assume that
ø	calls that come into TDM and leave from TDM oxiginate
7	and terminate on the public switch telephone network?
<u> </u>	A It's a safe assumption, yes.
v	Q Okay. Is it likely the case?
10	A I I don't know. I mean, it's according to
ļ	how their PRI interconnections are, which I'm not, you
12	know, inrimate with. They could have private
13	termination points to, that dwesn't get the PSTN on
14	either side.
ļ. ģī	O Okay.
16	A Like with the local access. They
17	there's there's services that a CLEC could offer
3.6	where they do private line trunking into an office,
19	let's say, or an in-user environment.
20	Q Uh-huh.
21	A And then they have a switch in front of that.
22	They terminate PRI to the switch, and the CLEC would
153 53	terminate on to their customer on a private line that
24	would never actually touch the PSTN.
25	Q Okay. Let me put it this way: If a call

Q/ Pri 15 14 between the two markets, and we had TDM multiplexors Dallas was a TDM trunk and that means just a line give you an example of TDM, let's say Fort Worth to the acronym stands for time division multiplexion. To simple -- it's simple. Traditional TDM -- actually, traditional TDM. correct me if I'm wrong, that using the IP network in between creates efficiencies? calls -established, yes. format and the off ramp in TDM format? terminates on the PSTN -comes into the on ramp and -- let me rephrase that. Q Now, talking about just those types of A Uh-huh. Xes. Absolutely. You're talking about IP versus "" you're correct "" you testified "- please If that's the way the interconnection is Oh, yeah, that's -- that's actually very Un-huh, Can you explain that in more detail? Uh-huh. -- would it likely hit the on ramp in TDM If a call originates on the PSTN and Multi-Page TM Page 106

Case 1:08-cv-03829-JSR	Document 22-10	Filed 09/03/2008	Page 30 of 41

And the state of t	25
Q So you're able to move more traffic more	24
mux system as data enters it.	23
not. The channel opens, it closes on a statistical	ಸ ಬ
time on the TDM system whether the traffic's on it or	22
Basically, the channel's alive all the	20
TDM system.	13
statistically muxed (phonetic) trunk than you are on a	31
put more packets or more payload packets into a	17
would be utilized on the backbone. So you're able to	16
flexible. It's expandable as far as the capacity that	15
entering in Fort Worth to bring it to Dallas. So it's	≓
portion of the highway big as the cars that are	13
Statistical multiplexion, they would only utilize a	7
stat muxing (phonetic), statistical multiplexion.	11
If it's an IP environment, they utilize	10
from Fort Worth and get off.	9
all the way to Port Worth or all the way to Dallas	œ
lane would be the same size and one car would use it	7
this TDM system. If one car entered the lanes, the	øv.
between Fort Worth and Dallas would be a channel on	ري. دري
A If I'm using TOM, each lane of the highway	da.
Q Un-hun.	យ
to put on our trunk.	ca
on each end, that's kind of what combines the signals	دخ
TO THE PART OF THE	

to IXC'5?	25
Q I'm talking about to end users, not to not	24
their rates are.	23
obviously, I've seen the rates before, so I know what	22
A What is that knowledge based on? They're	21
Q Okay. What is that knowledge based on?	20
savings.	57
A Yes. To my knowledge, they pass on that	18
Q To your knowledge, does Transcom pass	17
cheaper than traditional IXC termination.	16
A It has to pass them on if it's if it's	7.55
any of those cost savings on to end users?	14
Q Okay. To your knowledge, does Transcom pass	13
A That's correct.	12
efficiently than a wire line carrier?	7.
can carry the call between Dallas and Fort Worth more	10
Q Okay. So the basic point is that Transcom	₩
A To my understanding, yes.	69
on to to its IXC customers; is that correct?	7
Transcom to your knowledge passes those cost savings	6.
Q Okay. Now, you testified that those that	ഗ
A Of course.	44.
with that?	w
Q Okay. And there are cost savings associated	23
A Absolutely.	ب
раде	
THE PROPERTY OF THE PROPERTY O	

A Yeah, It's not the it's not the	25.
different, it would take years?	24
Q Okay. But if they wanted to do something	23
business lines from you. It's rather a quick process.	22
they just buying regular, you know, local access	21
A No. I I think it was a quick scenario of	20
Q Do you think it took years?	19
A No.	<u></u>
service in the first place with AMET?	17
do you know how long it took Transcom to establish	16
Q Okay. Now, would that would that well,	T.
capabilities, yes.	14
A To to to my understanding of Transcom's	13
termination provider.	12
for Transcom to sort of switch over to an alternative	11
Q Okay. Now you testified it would take years	10
has no control over that.	æ
as does the IXC passes on to their customer, Transcom	æ
A They give it to their IXC customers. As far	7
Q They give a cheaper	6
A But their customer base, yes, they do.	с л
O Okay.	4
weers, I obviously have no idea.	ł.i
assumed you meant end user by their customer. To end	ಬ
A Oh, to oh, I'm sorry, My my bad. I	ب
Page 109	

25	22,4	23	12 12	21	20	19	10	17	16	ĸ	4	13	12	ᅡ	10	છ	<u></u>	7	σı	ប្រា	4	سد	N		
they did that, period. Because their their costs	A I think you'll put them out of business if	you got to have the people to get it done?	technical impediment to changing over service, just	Q Okay. So it's it's not a question of any	lacks both.	A And and a lot of staff which Transcom	Q Okay.	aconomically feasible in my company.	budget available to do deployments as long as it was	you know, virtually unlimited budget. I had a lot of	A No. But I have, you know, unlimited well,	up?	Q Okay. And each time it takes years to set it	over the world.	A Yeah, I've deployed services to new areas all	that in that	it would take to doploy service to a new area like	Q Okay. Have you have you stated how long	today.	traditional method as compared to the way they do it	and menagement systems and staff to do this in a	actually have to deploy trunking and 987 connectivity	built out as I pointed out earlier. They would	relationship that takes time, it's the infrastructure	

	with the exact number.	£2 jr
	A A considerable amount but I'm not familiar	22 4
······································	United States coday?	23
	companies are providing inter-exchange service in the	83 83
	Q Do you are you familiar with bow many	21
	company like that.	20
	matter of fact, I don't know anybody that would fund a	19
	they will be under in less than a year, easily. As a	18
•	it green field and pay exactly what is expected today,	1.7
	with ATST and SBC with the same infrastructure, build	3.6
	come into the market today and say, I will compete	1.5
	understanding of cost, I can tell you for someone to	14
	connection. And it's based solely on you know, my	Ľ 3
	costs to deploy a fiberoptic line to a dial-up	12
	multi-billion dollar budgets. I understand what it	11
	enough, regardless of my education level, I've managed	10
	A I I I have been in this industry long	9
	Q Have not.	œ
	A Like I said, I have not.	7
	financial situation?	٥n
	Q Okay. And have you revisued Transcom's	v
	A And they operate in the U.S. only.	4
	Q Okay.	ω
	because of the staffing requirement.	W
* \$*	are going to change because of the infrastructure and	₽-
	Page 111	•
	TERRY TO SEE	_

replication and things like this. So Varaz is unique,	\$5
packetized voice system, obviously just with route	22
there's there's always going to be changes in a	23
content, but that's what's unique to Varaz. I think	22
A Well, there's obviously many changes in	21
Varaz equipment	20
Q Is there any other change in content that the	st
A That's right.	18
correct?	17
equipment generates to replace a lost packet; is that	16
talking about is the replacement packet that the Varaz	15
Q Due to their algorithm. So what you're	14
to their algorithm.	13
A Yes, to my understanding due to their due	1 ນ
understanding the Varaz equipment changes the content?	11
Q Okay. Now, you talked about it's your	10
A Yes.	9
carriers?	8
companies have access connections with local exchange	7
Q Okay. And to your knowledge, do these	ø.
A Yeah, I'd say there's easily a dozen.	vı _
Q Yeah.	4
A Oh, IXC services?	ţ.
dozen?	2
Q There's would you say there's at least a	1
Թո ցս 112	
	_

24 A If you	23 correct?	22 to be the actual voice	21 better replicate	20 content that y	19 D That	18 A That'	17 Q I'm sorry?	16 A That'	15 terminating en	14 0 12	13 A Uh-huh	12 originating end of the call	11 you mean is th	2 Okay.	9 quality packet	8 A Correct.	7 quality packet?	6 they just do a better	5 O Okay	4 in an IP network	3. lab reports,	go I would	1 I feel, in th	·	
you want to speak to that algorithm, yeah,		il voice transmission; isn't that	se the content if you consider content	that you're describing is actually intended to	That's correct. Okay. So the change in	That's correct.	אָנזעי	That's correct.	terminating end; isn't that correct?	is replicated more accurately at the	h.	d of the call	you mean is that the the the voice at the	And when you say best quality, what	:	ct. They they provide the best	Ÿ	better job. They provide a better	Okay. When you say Varaz is unique, you mean	ork.	reports, but there's some numerous changes always	I would have to go back and get really into our	in their algorithm, and I I can't begin to		
				_							***											· · · · · · · · · · · · · · · · · · ·		Page 113	

Q Are you familiar with RCC statements to the	25 61
A I'm not familiar with that.	24
services?	23
enhanced services but rather are telecommunication	22
fundamental character of telephone service are not	21
to the effect that services that do not alter the	20
Q Okay. Are you familiar with FCC statements	19
transportation of communications,	1.8
of a common carrier environment other than just the	17
store forward enhanced communication services outside	16
is one that deploys computer systems to, you know,	15
A Yeah. It's a an enhanced service provider	14
understanding of the FCC's rules and orders?	13
Q Okay. Can you explain the basis of your	; 20
A Right. Right.	11
the FCC's rules and order in effect?	10
Q and two, based on your understanding of	9
A That's right.	_ &
carrier	7
two facts; one, that they're not licensed as a common	20
Q And that was based on, as I understand it,	U1
A Right.	4
based on your understanding?	(uz
Transcom is an enhanced service provider based	
? You talked about your understanding that	<u>ы</u>
Page 114	
$Multi-Page^{m}$	_

Multi-Page m

	Page 115
	toga 11-0
₽	effect that where the purpose of the service is to
ы	facilitate the placement of a telephone gall the
نرا	service is a telecommunication service and not an
۵	enhanced service?
ហ	A I think that might have been the statement,
ø.	actually in one of their recent rulings.
7	Q Okay. This is a statement from 1990 that
బ	I'm
9_	A Really. I I I read a document recently
10	that had made a statement like that.
11	Q Where to the effect that where the purpose of
12	the service is to facilitate the placement of a
1.3	telephone call?
14	A Right.
Į,	Q Okay.
1.6	A I read a document like that, but if it's in
1.7	1990, obviously, there's been many more rulings since
18	then.
19	Q When Transcom is transporting calls that
20	originate on the PSTN and terminate on the PSTN; isn't
21	it correct to say that they're facilitating the
22	completion of that call?
ည ယ	A In in the baxest technical sense, they
12 44	would be facilitating that would be one thing they
25	do do is facilitate the completion of that call.

exchange carriers with whom they	សូ
available to Transcom's customers, that is the inter	ده 4
O Okay and all of those canabilities are made	23
develop new billing services, things like this.	22
services, to monitor and manager the services, to	21
to develop new services, to direct development of new	20
A And there's multiple uses for that, to add,	19
? They can	1.6
make us out of that.	17
infrastructure about each and every call. They can	16
provide that type of information from their	ᅜ
information. So their customer base, they could	14
unique call information, would give you unique quality	7.3
that would give you unique user data would give you	12
layer four and an OSI model, layer four mechanisms	3-1 3-1
obviously in an IP network. You have this ability to	10
A Right, Right. You can access the data	٠
things; is that right?	_==
And I believe your answer was they do some of those	7
accessing, manipulating or processing information.	٥
makes available to end users the capability for	ហ
Q Now, you also talked about whether Transcom	4
A Yeah.	ندة
Bervice?	7.1
Q Isn't that the primary purpose of the	۳.
Page 116	
Milit-Page 15	7

	access, manipulate or process information?	25
	users aren't actually offered a a capability to	24
	Q Okay. In what isn't it correct that end	23
	A Right.	88
	Q facilities.	<u>ي</u> د د
	A Network.	ಬ
	Transcom's	19
	Q okay and makes a call and it's routed over	18
	A Uh-huh.	17
	user picks up a telephone	16
-	Q Okay. So but the end user, when the end	15
	users, that is correct though.	14
	Transcom and offer as an advance service to their	1. 3
	manipulate that what they're receiving from	12
	capacity. Their their direct customers could	11
	A Snd users, not in that not in that	10
	end users; isn't that correct?	ų.
	Q Okay. But these services aren't offered to	œ
	A The IXC's, that's correct.	7
	Q To their customere meaning inter	6.
	customers.	Çī
	could be able to offer these services to their	44
	network is you would offer that as a service, and they	Li.
	services. Obviously, that's the uniqueness of the	N
Ąį.	A They would be offered as products and	н
	Page 117	
	Multi-Page ^{1M}	_

	Pac
H-	A I have no idea what their end upers that make
ы	calls are offered. I meant (inaudible few words) no,
ω	I'a not, but I don't know.
٨	Q Okay. So you you actually don't know what
UR.	end users are provided when Transcom carries
<u>о</u>	A Well, Transcom offers to IXC's and then what
-J	IXCs offer to their end users the IXCs determine.
60	Now, they have access to a certain data sect from
vo	Transoom due to their infrastructure, and the IXCs,
10	you know, contact Transcom or Transcom offers a
دو د م	service based on this data set, and the IXC has
12	capability to manipulate that data and offer it as a
13	service to its end users?
در عه	Q Okay. But to your knowledge, is any IXC
ŗ,	actually doing this for any of its end users?
16	A I don't know. I just don't know.
17	Q Okay. One other quick question. Do you know
,, 8	what what equipment ATET was using in the service
19	that was at issue in the FCC's order?
20	A No, I'm not familiar with what implements
21	they were using.
22	Q Okay. Have you investigated it, tried to
12 13	find out in any way?
#2 #4	A No.
25	Q Okay. Do you know what sort of packet

Case 1:08-cv-03829-JSR	Document 22-10	Filed 09/03/2008	Page 36 of 41
2.4			

problem. your knowledge, does Transcom handle al calls?		_
does	international calls?	24
m.	Q To your	23
	A No problem.	22
couple of quick questions, Mr. Craft.	О Ливсас	21
	BY MR. THOMAS:	20
REDIRECT EXAMINATION	n	19
THE COURT: Mr. Thomas?	HHT	18
r	A Thank you	17
Thank you.	Q Okay, 1	j
t dig any deeper.	synopsis. I didn't	15
at, so I thought it would be a great	quite final in that,	<u>1</u> 2
No, because the ruling was seems to be	A No, beca	13
service?	describing AT&T's	12
Have you read any of the underlying pleadings	Q Have you	11
exactly.	A Yeah, e.	10
	FCC's order?	٠
fits solely on your reading of the	Q And that	60
	used as a basis -	7
1 that was in that. That's what I	costs. That's all that	6
was IP based. They did it to save	conversion. It	in.
technology so much as they were doing a format	technology so mu	£
erything, ATET never made mention of	ATET order and everything,	ω
And what and what I read from the	A No. An	N
technology ATKT was using?	replacement tech	щ
Page 119		
Multi-Page 100	elektika elek ile watensalekwa kuminnian apingi dipipinka panasa masapanya Agia.	

Q 80 so so just because a call comes in	25
A Oh, yeeh. Yeah. Absolutely.	24
converting it into TDM to get into the CLEC?	23
system in any of a variety of formats but then	22 22
direct their calls through a CLEC coming out of their	21
enterprise customers collect in through a CLEC and	20
Q Uh-huh. And ish't it true that some	19
many enterprises, things like that. That's correct.	18
A Yeah, there are many modern installations in	17
advanced, computerized	16
Q But there's some of them that have extremely	3.5
behind the times, yes.	
A Some can. Some are actually surprisingly	ᄔ
Q And very advanced phones?	12
absolutely.	11
A Yeah. A business customer yeah,	10
Q A business customer with lots of phones?	9
you would like to say.	60
in a box I'll define that as a business customer if	7
A An enterprise customer? I like to put that	6
customer?	UT.
and TDM is it what's what's on enterprise	4
Q Okay. You were talking about calls coming in	ξ.
It's just a call originating from another network.	8
international or or or, you know, long distance.	H
१६७ अन्य	
Milti-Page ^M	

	and they're on the PSTN?	25
	Q And somehody over here who answers the phone,	24
	A Right.	23
	phone in TDM in on the PSTN?	22
	Q You got somebody over here who picks up the	21
	sure I answer it as accurately as possible.	20
	Actually, please repeat that question. I want to make	. et
	A No. I don't think so. I'm thinking here.	18
	entered Transcom in TDM format?	17
	PSTN and ended in PSTN give you any assurance that it	16
	Does does that does the fact that it started in	-5 -1
	that at some point, the call went through Transcom.	14
	PSTN somehow. You confirmed that. And you also know	13
. •	confirm that a call began on the PSTN and ended on the	1.2
	Q And converse of that, if you have if you	11
	don't think there's a way you can tell.	15
	connect it to (inaudible word) for some reason, no, I.	ts
	and it converts to TDM for the phone company or to	00
	based, you know, private branch exchange in the office	7
	If you do a conversion let's say you have an IP	6.
	A To my knowledge, no, there's no way to tell.	ŷΛ
	(phonetic) or began arrywhere in some other form.	۵
	TDM, or began with an enterprise customer in AKEY	ţu
	indication as to whether or not it began in PSTN, in	ಬ
	to Transcom in TDM format doesn't really give you any	'n
	Page 121	

Q Because the old service was just regular TDM?	25
COLERG.	22
A Yeah, the new services would be. Yeah, of	23
those parties involved?	22
of the telecommunications service offered by all of	21
Q Isn't that altering the fundamental character	20
A That's correct,	6T
their oustomers?	1.8
generation offering next generation services to	17
it in the middle and they can suddenly be next	16
And you're able to take this little new company, drop	1. 57
distance companies, and old technology CLECs or ILECs.	14
were saying, We have old technology, IXCs, long	1.3
Q And is it fair to characterize that as you	12_
A Uh-huh.	11
Q You used the concept of an adapter earlier?	D.T.
A No.	٠
it entered Transcom was in TDM format?	œ
are in PSTN give you any assurance that the call when	٦
Q Does the fact that the beginning and the end	σ.
A Okay.	UT.
it goes through Transcom?	۵
traversing its way through the system, at some point,	W
Q And during the course of that phone	N
A Uh-huh.	ça Tu
Page 122	

ì	Malfi-Page TH
	Page 123
بر	A Uh-huh.
22	Q And the difference is that these IXC and
u	these CLECs instead of having just invest millions and
A	millions of dollars to change their structure, their
ហ	network structure all over the country, they can sort
σ.	of sign up with Transcom and have next gen
2	capabilities tomorrow morning?
æ	A Absolutely. It's an outsourcing opportunity
vo	for them to gain services without doing the
1.0	development.
11	MR. THOMAS: Paws the witness.
12	THE COURT: Mr. Kohn?
13	RECROSS-EXAMINATION
2.4	BY MR. KOHN:
r;	Q I'm going to pick up on your lines about
6	moving to TDM to TDM and not knowing what's at the
17	other end.
18	You read the access order, did you not?
19	A I did.
20	Q Okay. And basically, what it told AT&T is
N H	that it could no longer avoid access charges if it
22	started in the PSTN and ended in the PSTN, right?
23	A Right.
₩ -	Q And ATET had to change its system and stop
25	doing that?

technology to affect some cost savings	25
Q All right. Anybody else who wanted to use IP	N 4
A Please repeat that. I'm sorry.	2
what's coming in one way ox the other?	22
would have had to develop some system to sort out	21
technology for where it's not a PSTN with one n,	2 0
had a system like ATAT who wanted to use a IP	19
Q in between. Okay. And anybody else who	1, 8
A Of course.	17
IP networks	16
of being able to able to have efficiencies on running	31
Q And then they would have lost this capability	14
the capabilities	13
everything back to TDM and they wouldn't have needed	12
infrastructure. They could have just converted	11
A I don't know what all they changed on their	1.0
terms of the FCC order?	6
decide whether this call was inside or outside the	83
from a computer or doing anything else that would	7
whether a phone was coming in from a PSTN or coming in	с
develop the capability of figuring out in some fashion	vs
Q Okay. Which means that somehow AT&T had to	4
A It's my assumption, yes.	tu .
Q And to your knowledge it changed the system?	ss.
A My understanding, yeah.	H
Page 124	
Multi-Page 134	_

Page 126

1	Multi-Page 76
	Page 125
Н	A Uh-huh.
. <u>N</u>	Q but felt themself bound to pay access
[c2	charges if it was PSTN to PSTN would have had to
A	figure out some way to accommodate those two
ڻ.	requirements?
Ø,	A If their original intent is to avoid access
-2	charges, then of course that's correct.
<u> </u>	Q Okay. Or alternatively, the could contract
ý	with the person they're dealing with to say, Listen,
1.0	if you send me X X kind of traffic, I'm going to
11	charge you one fee and if you're going to send me Y
12	kind of traffic, I'm going to send you another I'm
13	going to charge you another fee; isn't that true?
4	A If they've invested in mechanisms to
15	determine the difference, yes, that's true.
7.	Q Or if they're ask their customers to?
17	A Yeah. But you can't trust what a customer
18	sends you to be originated from one location to the
1.9	other.
20	Q So you may have to spot check for example?
21	A You have to check and you have to have a
22	system that does that check.
23	Q All right. Let's talk about this idea of
Ω 4•	dropping a little company in the middle.
25	A ՄՈ-ԻսՈւ

and all the allocations and everything class that goes	25
that should change all the costs and all the expenses	Ω 4
little company in the middle that somehow or other	23
phone calls, do you think that because you put a	22
Q But for the old tired and true, ordinary	21
A All right.	20
naw mervices?	1.9
Q And the question is: I understand that for	18
7 A Uh-huh.	17
get to the brave new world?	16
dropped a little company in the middle to to let us	15
Q Yeah. My question is this idea that we	1.4
A Could you repeat that question?	13
in the absence of a delivery of actual new services?	12
character and cost structure of the call at both ende	11
o understanding that's changed the total the	10
Q Is that the kind of thing to your	v
8 A Uh-huh.	œ
7 little company?	7
miles in the middle of where it's running over some	6
to coast or or whatever and you you have two	s.
middle and, for, you know, it goos 4,000 miles coast	Δ
network. And then you take a Little company in the	ω
distance service, phones call phones, running over the	N3
Q All right. Now, you have a conditional long	٢

THE COURT: Thank you, Mr. Kobn.	N 5
Q All right. Thank you.	24
in the order.	23
A Which I have no no knowledge of nor was it	22
Q All right.	22
some way.	20
A No, they would have to enhance the signal in	1.9
price and split the savings?	18
enhanced service in your estimation if they out their	17
Q So did it become would it become an	16
service.	15
meneuver and it didn't classify as an enhanced	14
kind of benefit to the customers was a selfish	13
passing any kind of savings to the customers or any	12
that, you know, AT&T just changing format without	11
A No. To me it seemed like the FCC was ruling	10
and you still pay the same amount?	UG-
waddle when it kind of got there, it's still a duck	œ
amells like duck, even if it's got a bit of fancy	7
saying is that if it kind of looks like a duck and	<u> </u>
the FCC order that maybe what the FCC was kind of	tn
Q All right. Do you understand when you read	۵
That's just the way the market works.	w
A I don't know. I mean, this ~ it does.	2
into the pricing of a telephone network?	1
Page 127	
Multi-Page ^{IM}	l manual de la company de la c

previous waves have been coming in, 80 percent of the	previous waves ha	25
t says, Based on the format that these	understanding, it	24
of intuitiveness, but to my	asking for a lot	23
knowledge in the algorithm, which I know that's	the knowledge in	ಬ
experience or based on, you know,	Well, based on my	21
basically, it's incuitive saying,	drop, it it's	20
it samples. When it sees a packet	media gateway and	1.9
the far end switch or the far end	incoming from the	1.8
it does is it takes a signal that's	the what it do	17
obviously an algorithm is a mathematical process. But	obviously an algo	16
<pre>cay, This algorithm well,</pre>	takes bits in, okay,	15
THE WITNESS: It's it it	IHI	1
	algorithm.	13
3 COURT: Okay. Yeah. Incuitive	тяв	1.2
WITNESS: Oh an intuitive algorithm?	THE	11
that phrase mean?	What does that ph	10
the record what is an algorithm intuitive.	you say for the r	9
nnce but in just concisely, could	display my ignorance but	8
COURT: Mr. Craft, just I hate to	SHI	7
	Honor.	6
THOMAS: Nothing further, Your	MR.	ភេ
	Mr. Thomas.	4
COURT: Any re redirect,	THE	w
sTRETCH: Nothing further.	MR.	73
Stretch?	Mr.	н
* \$100 C		

apply to all three parties.	25
THE COURT: I would think that would	24
virtue of the Court.	23
hearing to the extent they aren't already admitted by	22
reuzge their admission in connection to today's	32
proviously been admitted at that hearing, we would	20
Mr. Thomas, I believe, introduced, 30 and 39 that had	19
exhibits, with the exception of the last two that	1.8
And the purpose of this bearing, the	17
hearing.	- 2 2
on the the evidence that the Court heard at our	in the
that we do rely for purposes of our record here today	14
motion to compel performance and we just reiterate	, , , , , , , , , , , , , , , , , , ,
of the record made previously in commection with the	12
already indicated that it was taking judicial notice	11
have any further live witnesses. The Court has	10
MR. CHSVALLIER: Your Honor, we don't	9
Thank you.	60
THE COUKT: You may step down, sir.	7
(No response was given.)	۰_
the witness based on my question?	Gr.
THE COURT: Anyone have any questions of	4
should be, you know.	w
it said it basically guesses, Boom, that's what it	ಬ
time, it's this wave shape that would follow. And so	<u> </u>
Page 129	·
100 February and the second of	T-10-

EXHIBIT 10

ALJ/HSY/hl2

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Petition of LEVEL 3 COMMUNICATIONS, LLC (U-5941-C) for Arbitration Pursuant to Section 252(b) of the Communications Act of 1934, as amended by the Telecommunications Act of 1996, and Applicable State Laws for Rates, Terms and Conditions of Interconnection with SBC Bell Telephone Company dba SBC California and SBC Communications.

Application 04-06-004 (Filed June 1, 2004)

DRAFT ARBITRATOR'S REPORT

185540 - 1 -

Table of Contents

Title			Page	
DRA	FT A	RBITRATOR'S REPORT		
I.	Bacl	kground	2	
II.	Sun	nmary	3	
III.	Inte	Intercarrier Compensation		
	A.	IP-Enabled Services Traffic	5	
	В.	ISP-Bound Traffic	14	
		Which the Call Originated		
		3. When the Call is FX or to a Virtual Number Identified with the Local Exchange in which the Call Originated		
	C.	FX Traffic	18	
	D.	Reciprocal Compensation Terms and Conditions	22	
	E.	Other Intercarrier Compensation Issues 1. Routing for IP-to-PSTN and PSTN-IP-PSTN Traffic 2. Compensation for Test Traffic 3. SS7 Call Setup Message and Duty to Provide Call Records 4. Dispute Resolution for ISP-Bound Traffic 5. Compensation for Unbundled Local Switching Traffic 6. Compensation and Billing Information for intraLATA 800 calls 7. Compensation and Billing Information for Meet-Point Billing 8. IntraLATA Toll Traffic Compensation 9. Originating Carrier Number Records 10. Reservation of Rights Concerning Compensation for ISP-Bound Traffic	25 26 27 30 30 31 32 33	
IV.	Interconnection Trunking Requirements			
	A.	Combining Traffic Types On Local Interconnection Trunks	35	
	В.	Transit Traffic		

$\frac{\textbf{Table of Contents}}{(cont'd)}$

Title			Page
		2. What Terms and Conditions Should Apply to T Traffic?	
V.	Net	etwork Interconnection Method	43
	A.	Responsibility for Trunk Groups	43
	В.	"Applicable Law" as Physical Collocation Option	44
VI.	Col	ollocation	44
	A.	State Tariff as Collocation Option	44
	В.	Collocation of Equipment SBC Believes is Non-Com	pliant46
VII.	Unl	nbundled Network Elements	48
	A.	Background	48
	В.	Discussion	50
VIII.	Cod	oordinated Hot Cuts	54
IX.	Rec	ecording	56
Χ.	Sig	gnaling System 7	57
XI.	Ou	ut Of Exchange Traffic	58
XII.	Gei	eneral Terms And Conditions	59
	A.	Assurance of Payment	
		3. Should Assurance of Payment Requirements be State-Specific or Interdependent?	
		4. Time for Determining Satisfactory Credit	
		5. What Constitutes Credit Impairment?	
		6. Prerequisite to Requesting Assurance of Payme	
		7. Reasonableness of Request for Assurance of Pag	yment64
	B.	Billing and Payment of Charges	64
		1. Under What Circumstances May SBC Disconne	ct
		Services for Nonpayment?	64

Table of Contents (cont'd)

Title			Page
		 What Products and Services May SBC Discontinue for Level 3's Failure to Pay Undisputed Charges? Should SBC be Permitted to Suspend Acting on New and Pending Orders on the Day the Billing Party has Sent a Second Late Payment Notice? 	67
	C.	Intervening Law	67
	D.	Assignment	69
XIII.	Def	initions	70
	A.	Access Switches	70
	В.	Local Switches	71
	C.	Call Record	72
	D.	Circuit-Switched	73
	E.	Declassified/Declassification	73
	F.	Demarcation Point	73
	G.	Internet Service Provider	74
	H.	ISP-Bound Traffic	74
	I.	Local Interconnection Trunk Groups	75
	J.	Network Interconnection Methods	76
	K.	Out of Exchange Traffic	77
	L.	Section 251(b)(5) Traffic	77
	M.	Switched Access Service	79
	N.	FX and VNXX Traffic	79
ORDI	ER		80

issue in this arbitration is communications traffic that undergoes a net protocol conversion from IP format to the data format used by the PSTN,8 or vice versa (IP-to-PSTN or PSTN-to-IP).

Level 3 provides net protocol conversion services to Internet service providers on a wholesale basis. Specifically, Level 3 provides phone numbers to Internet service providers, who then assign them to their retail customers. For calls originating on the Internet (IP-to-PSTN), the communication is routed through Level 3's network to the closest point associated with the called party's phone number, at which point Level 3 converts the communication to PSTN format for transmission to the local exchange carrier serving the called party. For calls originating on the PSTN (PSTN-to-IP), after Level 3 receives the communication from the local exchange carrier serving the calling party, Level 3 converts the communication to IP format for routing anywhere over the IP network to the Internet service provider's retail customer. Thus, although the phone numbers on either end of the communication may be in the same LATA, the parties to the communication may be physically located in separate, geographically remote locations.

The issue of what intercarrier compensation should apply to IP-enabled voice services traffic is currently before the FCC, particularly in the *IP-Enabled Services NPRM*. Once the FCC renders its decisions in these dockets, the parties may need to adopt new contract language to conform to them (using the change of law process). Meanwhile, however, the Commission has the authority and the

 $^{^{\}rm 8}\,$ Time division multiplexing, or TDM.

duty to ensure that the parties' interconnection agreement is consistent with the requirements of federal law.

Level 3 and SBC agree that this Commission should not anticipate what regulatory framework will emerge from the FCC's inquiry, but instead should simply apply the currently applicable intercarrier compensation regime to the exchange of such traffic. Level 3 and SBC fundamentally disagree on what the currently applicable intercarrier compensation regime is.

Level 3 argues that currently there is no intercarrier compensation plan applicable to IP-enabled traffic and proposes therefore that the Commission refrain from adopting any compensation rate for IP-enabled traffic in this proceeding. SBC, on the other hand, argues that current intercarrier compensation rules require the assessment of access charges on IP-enabled traffic between originating and terminating end users that are geographically located in different exchanges.

Contrary to SBC's position, IP-enabled services traffic is not currently subject to access charges. As the Commission notes in its order instituting its investigation into the regulatory framework to apply to voice over Internet protocol (VoIP), VoIP providers do not contribute to the payment of access charges under the current regulatory access charge scheme. This observation echoes the FCC's acknowledgement that currently IP telephony "is exempt from the access charges that traditional long-distance carriers must pay." It is against

 $^{^9\ \} Order\ Instituting\ Investigation\ re\ Voice\ over\ Internet\ Protocol,\ I.04-02-07,\ p.\ 7.$

¹⁰ *IP-Enabled Services NPRM*, ¶ 30, citing to *Intercarrier Compensation NPRM*, CC Docket No. 01-92 (released April 27, 2001), ¶ 133.

this backdrop that the FCC is undertaking to explore "the extent - if any - that application of a particular regulatory requirement [to IP-enabled services] is needed to further critical national policy goals."11

That inquiry will take into account many of the arguments made by Level 3 and SBC in this arbitration. It may be that the FCC will ultimately determine that IP-enabled services traffic will be subject to access charges due to its similarity to interexchange traffic. However, it is inappropriate for this Commission to make that determination here in the face of both commissions' statements that access charges do not currently apply, the FCC's very recent assertion of exclusive economic jurisdiction over certain IP-enabled services,12 the FCC's steadfast and emphatic refusal to prejudge the applicability of access charges to IP-enabled services traffic, 13 and the FCC's pending determination on the issue in the IP-Enabled Services NPRM.

SBC argues federal law is clear that IP-enabled services traffic that originates and terminates in different local exchanges is interexchange traffic and thus subject to the same access charge requirements that apply to all other interexchange traffic. SBC points to the language of 47 C.F.R. § 69.5, which imposes access charges on "interexchange carriers that use local exchange switching facilities for the provision of interstate or foreign telecommunications services." SBC's argument begs rather than resolves the applicability of 47 C.F.R.

¹¹ Id., ¶35.

¹² Vonage Order.

See, e.g., Vonage Order, ¶ 14, fn. 46; Order, Petition for Declaratory Ruling that AT&T's Phone-to-Phone IP Telephony Services are Exempt from Access Charges, WC Docket No. 02-361, 19 FCC Rcd 7457 (2004) (AT&T Declaratory Order), ¶¶ 2, 10, 13.

EXHIBIT 11

UNITED STATES BANKRUPTCY COURT NORTHERN DISTRICT OF TEXAS DALLAS DIVISION

U.S. BANKRUPTCY COURT
NORTHERN DISTRICT OF TEXAS

ENTERED
TAWANA C. MARSHALL, CLERK
THE DATE OF ENTRY IS
ON THE COURT'S DOCKET

IN RE:	8	
TRANSCOM ENHANCED	99 99	Case No. 05-31929-HDH-11
SERVICES, LLC,	8	
Debior.	8	

MEMORANDUM OPINION

On April 14, 2005, this Court considered Transcom Enhanced Services, LLC's (the "Debtor's") Motion To Assume AT&T Master Agreement MA Reference No. 120783 Pursuant To 11 U.S.C. § 365 ("Motion"). At the hearing, the Debtor, AT&T, and Southwestern Bell Telephone, L.P., et al ("SBC Telcos") appeared, offered evidence, and argued. These parties also submitted post-hearing briefs and proposed findings of fact and conclusions of law supporting their positions. This memorandum opinion constitutes the Court's findings of fact and conclusions of law pursuant to Federal Rules of Bankruptcy Procedure 7052 and 9014. The Court has jurisdiction over this matter pursuant to 28 U.S.C. §§ 1334 and 151, and the standing order of reference in this district. This matter is a core proceeding, pursuant to 28 U.S.C. § 157(b)(2)(A) & (O).

I. Background Facts

This case was commenced by the filing of a voluntary Bankruptcy Petition for relief under Chapter 11 of the Bankruptcy Code on February 18, 2005. The Debtor is a wholesale

Debtor's Exhibit 1, admitted during the hearing, is a true, correct and complete copy of the Master Agreement between Debtor and AT&T.

provider of transmission services providing its customers an Internet Protocol ("IP") based network to transmit long-distance calls for its customers, most of which are long-distance carriers of voice and data.

In 2002, a company called DataVoN, Inc. invested in technology from Veraz Networks designed to modify the aural signal of telephone calls and thereby make available a wide variety of potential new services to consumers in the area of VoIP. The FCC had long supported such new technologies, and the opportunity to change the form and content of the telephone calls made it possible for DataVoN to take advantage of the FCC's exemption provided for Enhanced Service Providers ("ESP"s), significantly reducing DataVoN's cost of telecommunications service.

On September 20, 2002, DataVoN and its affiliated companies filed for protection under Chapter 11 of the Bankruptcy Code in the United States Bankruptcy Court for the Northern District of Texas, before Judge Steven A. Felsenthal. Southwestern Bell was a claimant in the DataVoN bankruptcy case. On May 19, 2003, the Debtor was formed for purposes of acquiring the operating assets of DataVoN. The Debtor was the winning bidder for the assets of DataVoN and on May 28, 2003, the bankruptcy court approved the sale of substantially all of the assets of DataVoN to the Debtor. Included in the order approving the sale, were findings by Judge Felsenthal that DataVoN provided "enhanced information services".

On July 11, 2003, AT&T and the Debtor entered into the AT&T Master Agreement MA. Reference No. 120783 (the "Master Agreement"). In an addendum to the Master Agreement, executed on the same date, the Debtor states that it is an "enhanced information services" provider, providing data communications services over private P networks (VoIP), such VoIP

services are exempt from the access charges applicable to circuit switched interexchange calls. and such services would be provided over end user local services (such as the SBC Telcos).

Document 22-12

AT&T is both a local-exchange carrier and a long-distance carrier of voice and data. The SBC Teleos are local exchange carriers that both originate and terminate long distance voice calls for carriers that do not have their own direct, "last mile" connections to end users. For this service, SBC Telcos charge an access charge. Enhanced service providers ("ESP's") are exempt from paying these access charges, and the SBC Telcos had been in litigation with DataVoN during its bankruptcy, and has recently been in litigation with the Debtor, AT&T and others over whether certain services they provide are entitled to this exemption to access charges.

On April 21, 2004, the FCC released an order in a declaratory proceeding between AT&T and SBC (the "AT&T Order") that found that a certain type of telephone service provided by AT&T using IP technology was not an enhanced service and was therefore not exempt from the payment of access charges. Based on the AT&T Order, before the instant bankruptcy case was filed, AT&T suspended Debtor's services under the Master Agreement on the grounds that the Debtor was in default under the Master Agreement. Importantly, the alleged default of the Debtor is not a payment default, but rather pursuant to Section 3.2 of the Master Agreement, which, according to AT&T, gives AT&T the right to immediately terminate any service that AT&T has reason to believe is being used in violation of laws or regulations.

AT&T asserts that the services that the Debtor provides over its IP network are substantially the same as were being provided by AT&T, and therefore, the Debtor is also not exempt from paying these access charges. At the point that the bankruptcy case was filed, service had been suspended by AT&T pending a determination that the Debtor is an ESP, but

AT&T had not yet assessed the access charges that it asserts are owed by the Debtor.

Π. **Esues**

The issues before the Court are:

- (1) Whether the Debtor has met the requirements of § 365 in order to assume the Master Agreement; and
- (2) Whether the Debtor is an enhanced service provider ("ESP"), and is thus exempt from the payment of certain access charges in compliance with the Master Agreement.2

To be sure, this is not the total which ultimately Transcom may owe. It is also possible that ... Transcom will owe additional amounts if it is determined that it should have been paying access charges. But at this point, AT&T has not billed for the access charges, so under the terms of the Addendum, they are not currently due. ... AT&T is not requiring Transcom to provide adequate assurance of its ability to pay those charges should they be assessed, but will rely on the fact that postassumption, these charges will be administrative claims. . . . Although Transcom's failure to pay access charges with respect to prepetition traffic was a breach, the Addendum requires, as a matter of contract, that those pre-petition charges be paid when billed. This contractual provision will be binding on Transcom postassumption, and accordingly, is not the subject of a damage award now."

AT&T Objection p. 3-4. As will be discussed below, in evaluating the Debtor's business judgment in approving its assumption Motion, the Court must determine whether or not its approval of the Motion will result in a potentially large administrative expense to be borne by the estate.

AT&T argues against the Court's jurisdiction to determine this question as part of an assumption motion. However, the Court wonders if AT&T will make the same argument with regard to its post-assumption administrative claims it plans on asserting for past and future access charges that it states it will rely on for payment instead of asking for them to be included as cure

² AT&T has stated in its Objection to the Motion that since it does not object to the Debtor's assumption of the Master Agreement provided the amount of the cure payment can be worked out, the Court need not reach the issue of whether the Debtor is an ESP. However, this argument appears disingenuous to the Court. AT&T argues that the entire argument over cure amounts is a difference of about \$28,000.00 that AT&T is willing to forgo for now. However, AT&T later states in its objection (and argued at the hearing):

Ш. Anaiysis

Under § 365(b)(1), a debtor-in-possession that has previously defaulted on an executory contract³ may not assume that contract unless it: (A) cures, or provides adequate assurance that it will promptly cure, the default; (B) compensates the non-debtor party for any actual pecuniary loss resulting from the default; and (C) provides adequate assurance of future performance under such contract. See 11 U.S.C. § 365(b)(1).

In its objection, briefing and arguments made at the hearing, AT&T does not object to the Debtor's assumption of the Master Agreement, provided the Debtor pays the cure amount, as determined by the Court. It does not expect the Debtor to cure any non-monetary defaults, including payment or proof of the ability to pay the access charges that have been incurred, as alleged by the SBC Telcos, as a prerequisite to assumption. See In re BankVest Capital Corp., 360 F.3d 291, 300-301 (1st Cir. 2004), cert. denied, __ U.S. __, 124 S.Ct. 2874, 159 L.Ed. 2d 776 (2004) ("Congress meant § 365(b)(2)(D) to excuse debtors from the obligation to cure nonmonetary defaults as a condition of assumption.").

Only the Debtor offered evidence of the cure amounts due at the hearing totaling \$103,262.55. Therefore, based on this record, the current outstanding balance due from Debtor to AT&T is \$103,262.55 (the "Cure Amount"). Thus, upon payment of the Cure Amount Debtor's Motion should be approved by the Court, provided the Debtor can show adequate assurance of future performance.

AT&T argues that this is where the Court's inquiry should cease. Since AT&T has

payments under the present Motion.

³ The parties agree that the Master Agreement is an executory contract.

If by assuming the Master Agreement the Debtor would be liable for the large potential administrative claim, to which AT& T argues that it will be entitled,4 or if the Debtor cannot show that it can perform under the Master Agreement, which states that the Debtor is an enhanced information services provider exempt from the access charges applicable to circuit switched interexchange calls, and the Debtor would loose money going forward under the Master Agreement should it be determined that the Debtor is not an ESP, then the Court should deny the Motion. On this record, the Debtor has established that it cannot perform under the Master Agreement, and indeed cannot continue its day-to-day operations or successfully reorganize, unless it qualifies as an Enhanced Service Provider.

AT&T and SBC Telcos argue that a forum selection clause in the Master Agreement should be enforced and that any determination as to whether the Debtor is an ESP, and thus exempt from access charges, must be tried in New York. While this argument may have validity in other contexts, the Court concludes that it has jurisdiction to decide this issue as it arises in the

⁴ See n. 2 above.

In re Orion, which is heavily relied upon by AT&T, is inapplicable in this proceeding. See In re Orion Pictures Corp., 4 F.3d 1095 (2d Cir. 1993). On its face, Orion is distinguishable from this case in that in Orion, the debtor sought damages in an adversary proceeding at the same time it was seeking to assume the contract in question under Section 365. The bankruptcy court decided the Debtor's request for damages as a part of the assumption proceedings awarding the Debtor substantial damages. Here, the Debtor is not seeking a recovery from AT&T under the contract which would augment the estate. Rather the Debtor is only seeking to assume the contract within the parameters of Section 365. Similar issues to the one before this Court have been advanced by another bankruptcy court in this district.

The court in In re Lorax Corp., 307 B.R. 560 (Bankr. N.D. Tex. 2004), succinctly pointed out that a broad reading of the Orion opinion runs counter to the statutory scheme designed by Congress. Lorax, 307 B.R. at 566 n. 13. The Lorax court noted that Orion should not be read to limit a bankruptcy court's authority to decide a disputed contract issue as part of hearing an assumption motion. Id. To hold otherwise would severely limit a bankruptcy court's inherent

equitable power to oversee the debtor's attempt at reorganization and would diffuse the bankruptcy court's power among a number of courts. The Lorax court found such a result to be at odds with the Supreme Court's command that reorganization proceed efficiently and expeditiously. Id. at 567 (citing United Sav. Ass'n of Tex. v. Timbers of Inwood Forest Assocs. Ltd., 484 U.S. 365, 376 (1988)). This Court agrees. The determination of the Debtors status as an ESP is an important part of the assumption motion.

Since the Second Circuit's 1993 Orion opinion, the Second Circuit has further distinguished non-core and core jurisdiction proceedings involving contract disputes. In particular, if a contract dispute would have a "much more direct impact on the core administrative functions of the bankruptcy court" versus a dispute that would merely involve "augmentation of the estate," it is a core proceeding. In re United States Lines, Inc., 197 P.3d 631, 638 (2d Cir. 1999) (allowing the bankruptcy court to resolve disputes over major insurance policies, and recognizing that the debtor's indemnity contracts could be the most important asset of the estate). Accordingly, the Second Circuit would reach the same conclusion of core jurisdiction here since the dispute addressed by the Motion "directly affect[s]" the bankruptcy court's "core administrative function." United States Lines, at 639 (citations omitted).

Determination, for purposes of the motion to assume, of whether the Debtor qualifies as an ESP and is exempt from paying access charges (the "ESP Issue") requires the Court to examine and take into account certain definitions under the Telecommunications Act of 1996 (the "Telecom Act"), and certain regulations and rulings of the Federal Communications Commission ("FCC"). None of the parties have demonstrated, however, that this is a matter of first impression or that any conflict exists between the Bankruptcy Code and non-Code cases.

Several witnesses testified on the issues before the Court. Mr. Birdwell and the other representatives of the Debtor were credible in their testimony about the Debtor's business operations and services. The record establishes by a preponderance of the evidence that the service provided by Debtor is distinguishable from AT&T's specific service in a number of material ways, including, but not limited to, the following:

- (a) Debtor is not an interexchange (long-distance) carrier.
- (b) Debtor does not hold itself out as a long-distance carrier.
- (c) Debtor has no retail long-distance customers.
- The efficiencies of Debtor's network result in reduced rates for its (d) customers.
- (e) Debtor's system provides its customers with enhanced capabilities.
- (f) Debtor's system changes the content of every call that passes through it. On its face, the AT&T Order is limited to AT&T and its specific services. This Court holds, therefore, that the AT&T Order does not control the determination of the ESP Issue in this case.

The term "enhanced service" is defined at 47 CFR § 67.702(a) as follows:

For the purpose of this subpart, the term enhanced service shall refer to services. offered over common carrier transmission facilities used in interstate communications, which employ computer processing applications that act on the format, content, code, protocol or similar aspects of the subscriber's transmitted information; provide the subscriber additional, different, or restructured information; or involve subscriber interaction with stored information. Enhanced services are not regulated under title II of the Act.

Case 1:08-cv-03829-JSR

The term "information service" is defined at 47 USC § 153(20) as follows:

The term "information service" means the offering of a capability for generating, acquiring, storing, transforming, processing, retrieving, utilizing, or making available information via telecommunications, and includes electronic publishing, but does not include any use of any such capability for the management, control, or operation of a telecommunications system or the management of a telecommunications service.

Dr. Bernard Ku, who testified for SBC was a knowledgeable and impressive witness. However, during cross examination, he agreed that he was not familiar with the legal definition for enhanced service

The definitions of "enhanced service" and "information service" differ slightly, to the point that all enhanced services are information services, but not all information services are also enhanced services. See First Report And Order, In the Matter of Implementation of the Non-Accounting Safeguards of Sections 271 and 272 of the Communications Act of 1934, as amended, 11 FCC Rcd 21905 (1996) at ¶ 103.

The Telecom Act defines the terms "telecommunications" and "telecommunications service" in 47 USC § 153(43) and (46), respectively, as follows:

The term "telecommunications" means the transmission, between or among points specified by the user, of information of the user's choosing, without change in the form or content of the information as sent and received. (emphasis added).

The term "telecommunications service" means the offering of telecommunications for a fee directly to the public, or to such class of users as to be effectively available directly to the public, regardless of the facilities used. (emphasis added).

These definitions make clear that a service that routinely changes either the form or the content of the transmission would fall outside of the definition of "telecommunications" and therefore would not constitute a "telecommunications service."

Whether a service pays access charges or end user charges is determined by 47 C.F.R.

§ 69.5, which states in relevant part as follows:

(a) End user charges shall be computed and assessed upon end users . . . as defined in this subpart, and as provided in subpart B of this part. (b) Carrier's carrier charges [i.e., access charges] shall be computed and assessed upon all interexchange carriers that use local exchange switching facilities for the provision of interstate or foreign telecommunications services. (emphasis added).

As such, only telecommunications services pay access charges. The clear reading of the above provisions leads to the conclusion that a service that routinely changes either the form or the content of the telephone call is an enhanced service and an information service, not a telecommunications service, and therefore is required to pay end user charges, not access charges.

Based on the evidence and testimony presented at the hearing, the Court finds, for purposes of the § 365 motion before it, that the Debtor's system fits squarely within the definitions of "enhanced service" and "information service," as defined above. Moreover, the Court finds that Debtor's system falls outside of the definition of "telecommunications service" because Debtor's system routinely makes non-trivial changes to user-supplied information (content) during the entirety of every communication. Such changes fall outside the scope of the operations of traditional telecommunications networks, and are not necessary for the ordinary management, control or operation of a telecommunications system or the management of a telecommunications service. As such, Debtor's service is not a "telecommunications service" subject to access charges, but rather is an information service and an enhanced service that must pay end user charges. Judge Felsenthal made a similar finding in his order approving the sale of the assets of DataVoN to the Debtor, that DataVoN provided "enhanced information services".

See Order Granting Motion to Sell, 02-38600-SAF-11, no. 465, entered May 29, 2003. The

Debtor now uses DataVoN's assets in its business.

Because the Court has determined that the Debtor's service is an "enhanced service" not subject to the payment of access charges, the Debtor has met its burden of demonstrating adequate assurance of future performance under the Master Agreement. The Debtor has demonstrated that it is within Debtor's reasonable business judgment to assume the Master Agreement.

Regardless of the ability of the Debtor to assume this agreement, the Court cannot go further in its ruling, as the Debtor has requested to order AT&T to resume providing service to the Debtor under the Master Agreement. The Court has reached the conclusions stated herein in the context of the § 365 motion before it and on the record made at the hearing. An injunction against AT&T would require an adversary proceeding, a lawsuit. Both the Debtor and AT&T are still bound by the exclusive jurisdiction provision in § 13.6 of the Master Agreement, as found by the United States District Court for the Northern District of Texas, Hon. Terry R. Means. As Judge Means ruled, any suit brought to enforce the provisions of the Master Agreement must be brought in New York.

IV. Conclusion

In conclusion, the Court finds that the provisions of 11 U.S.C. § 365 have been met in this case. Because the Court finds that the Debtor's service is an enhanced service, not subject to payment of access charges, it is therefore within Debtor's reasonable business judgment to assume the Master Agreement with AT&T.

Only the Debtor offered evidence of the cure amounts at the hearing. Based on the record at the hearing, the current outstanding balance due from Debtor to AT&T is \$103,262.55. To

assume the Master Agreement, the Debtor must pay this Cure Amount to AT&T within ten (10) days of the entry of the Court's order on this opinion.

A separate order will be entered consistent with this memorandum opinion.

SIGNED: 4/28/05

He sent M Harlin D. Hale

United States Bankruptcy Judge

EXHIBIT 12

Reid from Scholkena 5/12/08

GLOBAL NAPS, INC.

Mettel Atta: CABS Dispute 44 Wall Street 6th Floor NY. NY 10005

emeschino@mettel.net

BANs: 188AH755NH 188AE977NH

188AE976NH 7677E977NY

0354E357MA

188AE357NH 0334E976MA

1962H755RI 0334H755MA

To Whom It May Concern:

I am in receipt of the above referenced invoice(s). As you are aware, our companies do not have an interconnection agreement governing the terms and conditions of exchanging telecommunications service. What you may not be aware of is that the traffic you deliver and receive from my company, Global NAPs, Inc., or its affiliates ("Global") and subsidiaries, is "information access traffic" As such, the intercarrier compensation controlling the traffic is subject to federal law, specifically the provisions delineated in the ISP Remand Order. Simply put, the ISP Remand Order provides for bill-and-keep on the traffic we exchange since we were not exchanging traffic prior to the effective date of the Order in 2001. Accordingly, the invoice and account are disputed in full. Unless and until Global provides written correspondence to the contrary, please consider this letter as disputing all similar invoices from your company to Global.

If you are not aware of the interplay of federal law and how it governs the exchange of traffic between our two companies. I will be glad to discuss this with you. Please don't hesitate to call me at 212-202-2100

Sincerely,

Robert J. Fox Vice President - Industry Relations Global NAPs, Inc. 24 Wayne Court Northport, N.Y. 11768 Tel 212-202-2100 Fax 212-202-2101 ரிலுமிதாகுs.com

GNAB fle Lake 12/5/06

September 11, 2006

Mettel Attn: CABS Dispute 44 Wall Street New York, NY 10005

Mettel@csscabs.com_emeschino@mettel.net

Re:

BANs: 186AE975ME

8526E975NY

1962E975RI

0334E975MA 7677E975NY

188AE975NH

To Whom It May Concern:

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Sincerely,

Robert J. Fox Vice President - Industry Relations Global NAPs, Inc. 24 Wayne Court Northport, N.Y. 11768 Tel. 212-202-2100 Fax 212-202-2101 rick@enads.com

GAKES LL LAK: 8/5/06

Attn: CABS Dispute 44 Wall Street 6th Floor NY, NY 10005

emeschino@mettel.net

BANS: 188AJ356NH

191AD521VT

186AJ356ME 0334J356MA 7677D521NY

To Whom it May Concern:

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Robert J. Fox Vice President - Industry Relations Global NAPs, IEC. 24 Wayne Court Northport, N.Y. 11768 Tel. 212-202-2100 Fax 212-202-2101 rfox@graps.com

GNAPS file lak 6/5/07

Mettel Attn: CABS Dispute PO Box 1056 New York, NY 10268-1056

Mettel@csscabs.com

BANs: 556A5133MD 249A5133VA 76775133NY

To Whom it May Concern:

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Robert J. Fox Vice President - Industry Relations Global NAPs, Inc. 24 Wayne Court Northbert N.Y. 11768 Tel. 212-202-2100 Fax 212-202-2101 rfox@enaps.com

GNATS fl Lak: 1/5/05

Mettel Atta: CABS Dispute PO Box 1056 New York, NY 10268-1056

Mettel@csscabs.com

Re:

BAN: 59825133NJ

Invoice: 41035133-D-04340

Dated: 12-5-04

To Whom it May Concern:

I am in receipt of the above referenced invoice. As you are aware, our companies do not have an interconnection agreement governing the terms and conditions of exchanging telecommunications service. What you may not be aware of is that the traffic you deliver and receive from my company, Global NAPs, Inc., or its affiliates ("Global") and subsidiaries, is "information access traffic" As such, the intercarrier compensation controlling the traffic is subject to federal law, specifically the provisions delineated in the ISP Remand Order. Simply put, the ISP Remand Order provides for bill-and-keep on the traffic we exchange since we were not exchanging traffic prior to the effective date of the Order in 2001.

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Vice President — Industry Relations
Global NAPs, Inc.
24 Wayne Court
Northport, N.Y. 11768
Tel. 212-202-2100
Fax 212-202-2101
rfox@gnaps.com

GNAPS fle 59825133NU, 12/5/04

Mettel
Attn: CABS Dispute
PO Box 1056
New York, NY 10268-1056

Mettel@csscabs.com

Re:

BAN: 02425133PA

Invoice: 41065133-D-04249

Dated: 9-5-04

To Whom It May Concern:

I am in receipt of the above referenced invoice. As you are aware, our companies do not have an interconnection agreement governing the terms and conditions of exchanging telecommunications service. What you may not be aware of is that the traffic you deliver and receive from my company, Global NAPs, Inc., or its affiliates ("Global") and subsidiaries, is "Information access traffic". As such, the intercarrier compensation controlling the traffic is subject to federal law, specifically the provisions delineated in the ISP Remand Order. Simply put, the ISP Remand Order provides for bill-and-keep on the traffic we exchange since we were not exchanging traffic prior to the effective date of the Order in 2001.

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Vice President – Industry Relations
Global NAPs, Inc.
24 Wayne Court
Northport, N.Y. 11768
Tel. 212-202-2100
Fax 212-202-2101
rfox@gnaps.com

GNAPF file 02425133PA 9/5/04

Mettel
Attn: CABS Dispute
PO Box 1056
New York, NY 10268-1056

Mettel@esscabs.com

Re:

BAN: 02405133FL

invoice: 41015133-D-04249

Dated: 9-5-04

To Whom It May Concern:

I am in receipt of the above referenced invoice. As you are aware, our companies do not have an interconnection agreement governing the terms and conditions of exchanging telecommunications service. What you may not be aware of is that the traffic you deliver and receive from my company. Global NAPs, Inc., or its affiliates ("Global") and subsidiaries, is "information access traffic". As such, the intercarrier compensation controlling the traffic is subject to federal law, specifically the provisions delineated in the ISP Remand Order. Simply put, the ISP Remand Order provides for bill-and-keep on the traffic we exchange since we were not exchanging traffic prior to the effective date of the Order in 2001.

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Vice President – Industry Relations
Global NAPs, Inc.
24 Wayne Court
Northport, N.Y. 11768
Tel. 212-202-2100
Fax 212-202-2101
rfox@glabs.com

GNAR fr 02405133FL 8/5/04

Mettel Attn: CABS Dispute PO Box 1056 New York, NY 10268-1056

Mettel@cssczbs.com

Re:

BAN: 02345133NY

Invoice: 41005133-D-04187

Dated: July 5, 2004

To Whom It May Concern:

I am in receipt of the above referenced invoice. As you are aware, our companies do not have an interconnection agreement governing the terms and conditions of exchanging telecommunications service. What you may not be aware of is that the traffic you deliver and receive from my company, Global NAPs, Inc., or its affiliates ("Global") and subsidiaries, is "information access traffic" As such, the intercarrier compensation controlling the traffic is subject to federal law, specifically the provisions delineated in the ISP Remand Order. Simply put, the ISP Remand Order provides for bill-and-keep on the traffic we exchange since we were not exchanging traffic prior to the effective date of the Order in 2001.

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24 Wayne Court
Northport, N.Y. 11768
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Fax 212-202-2101
rfox@gnaps.com

GARPI f. 6 02345132NY 7/5/04

Mettel
Attn: CABS Dispute
PO Box 1056
New York, NY 10268-1056

Mettel@psscabs.com

Re:

BAN: 02345133NJ

invoice: 41025133-D-04187

Dated: July 5, 2004

To Whom It May Concern:

I am in receipt of the above referenced invoice. As you are aware, our companies do not have an interconnection agreement governing the terms and conditions of exchanging telecommunications service. What you may not be aware of is that the traffic you deliver and receive from my company, Global NAPs, Inc., or its affiliates ("Global") and subsidiaries, is "information access traffic" As such, the intercarrier compensation controlling the traffic is subject to federal law, specifically the provisions delineated in the ISP Remand Order. Simply put, the ISP Remand Order provides for bill-and-keep on the traffic we exchange since we were not exchanging traffic prior to the effective date of the Order in 2001.

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rfex@gnaps.com

GARB fle 02345133NJ 7/5/04